

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

009090" 40208860

WO 98/40071

09/380704
PCT/US98/04683

1/56

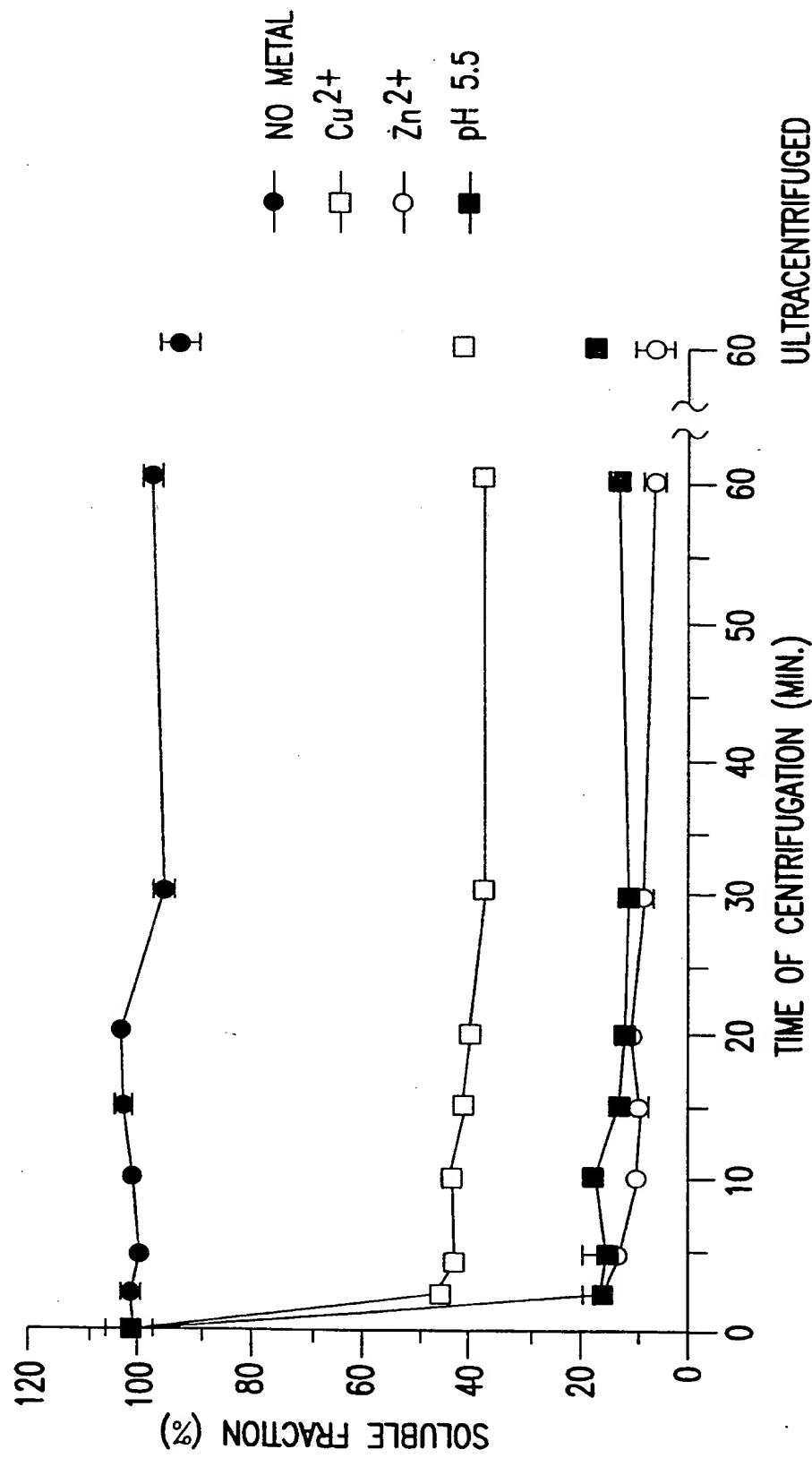


FIG.1

009090" 40208560

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

WO 98/40071

2/56

PCT/US98/04683

09/380704

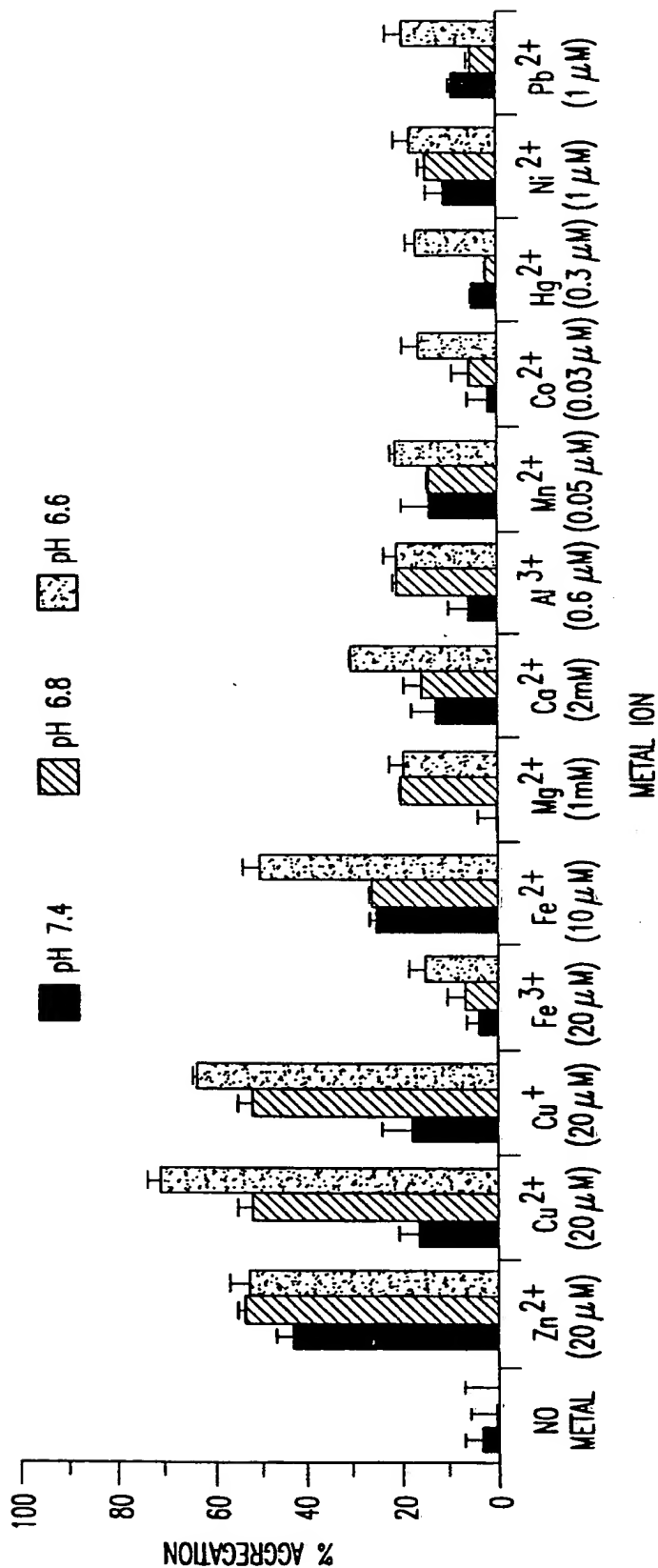


FIG.2A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

09/380704
WO 98/40071

09/380704
PCT/US98/04683

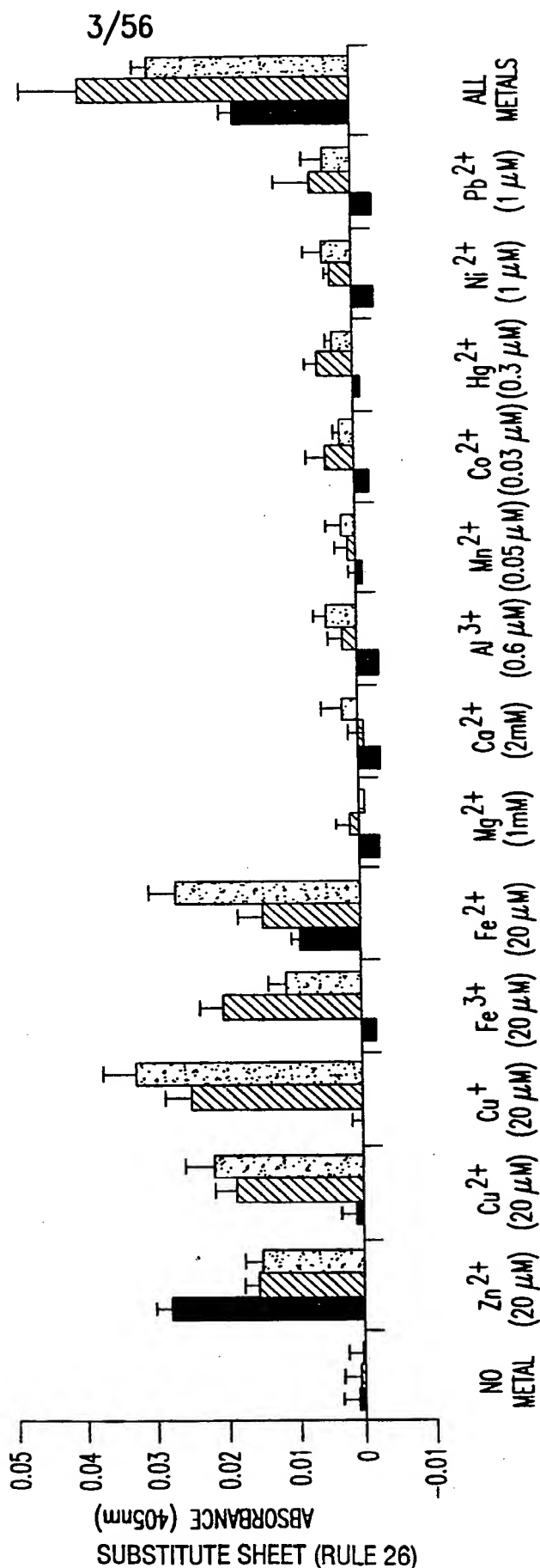
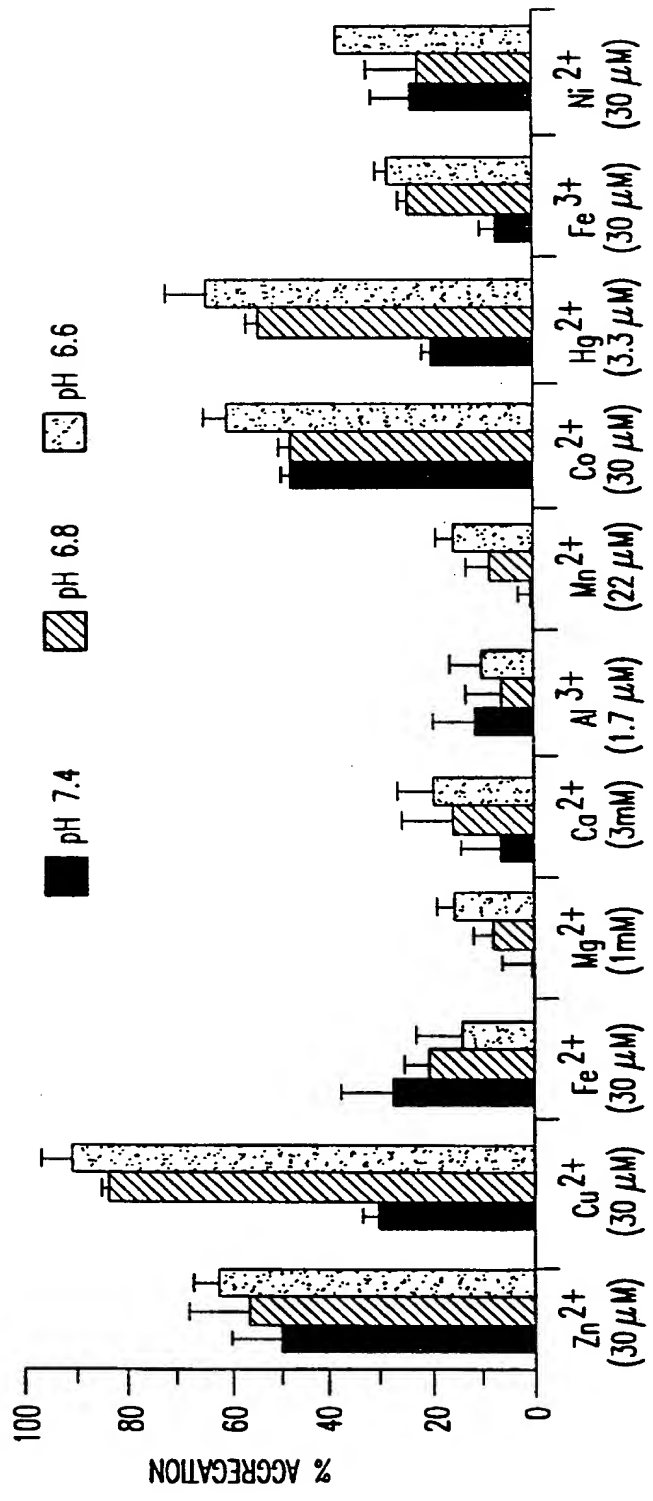


FIG.2B

09/380704-060600

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



METAL ION

FIG.2C

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APPROVED BY DRAFTSMAN	O.G. FIG. CLASS SUBCLASS
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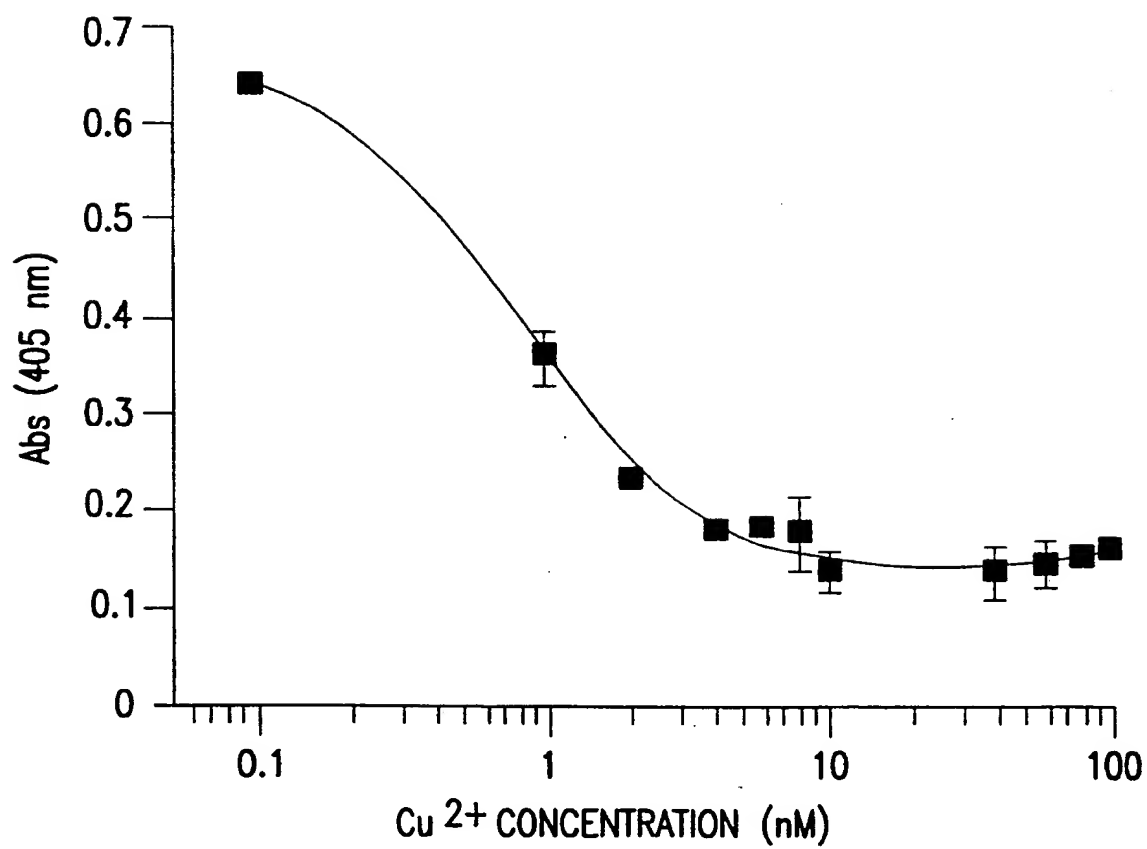


FIG.3

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

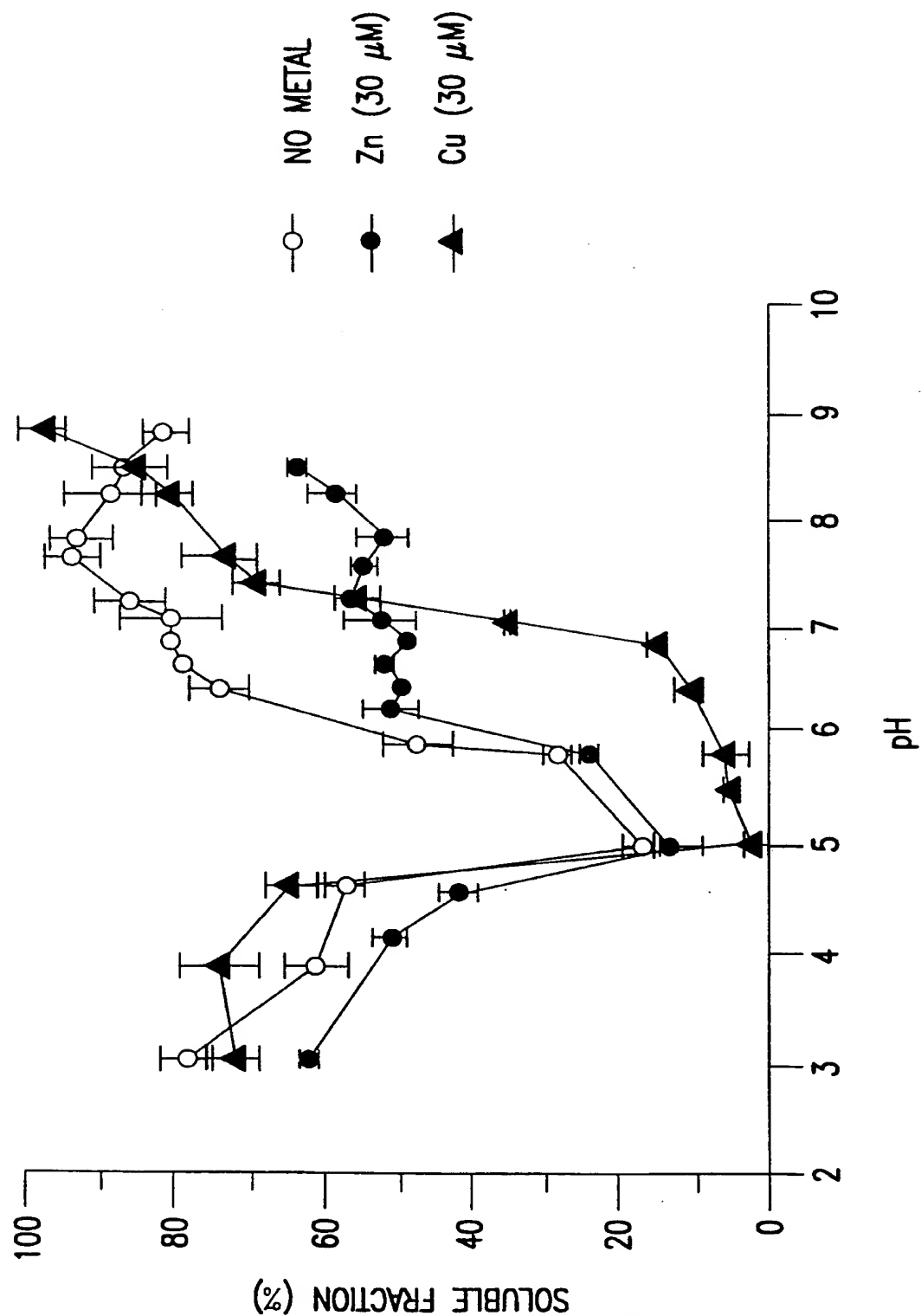


FIG. 4A

09/380704.060500

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

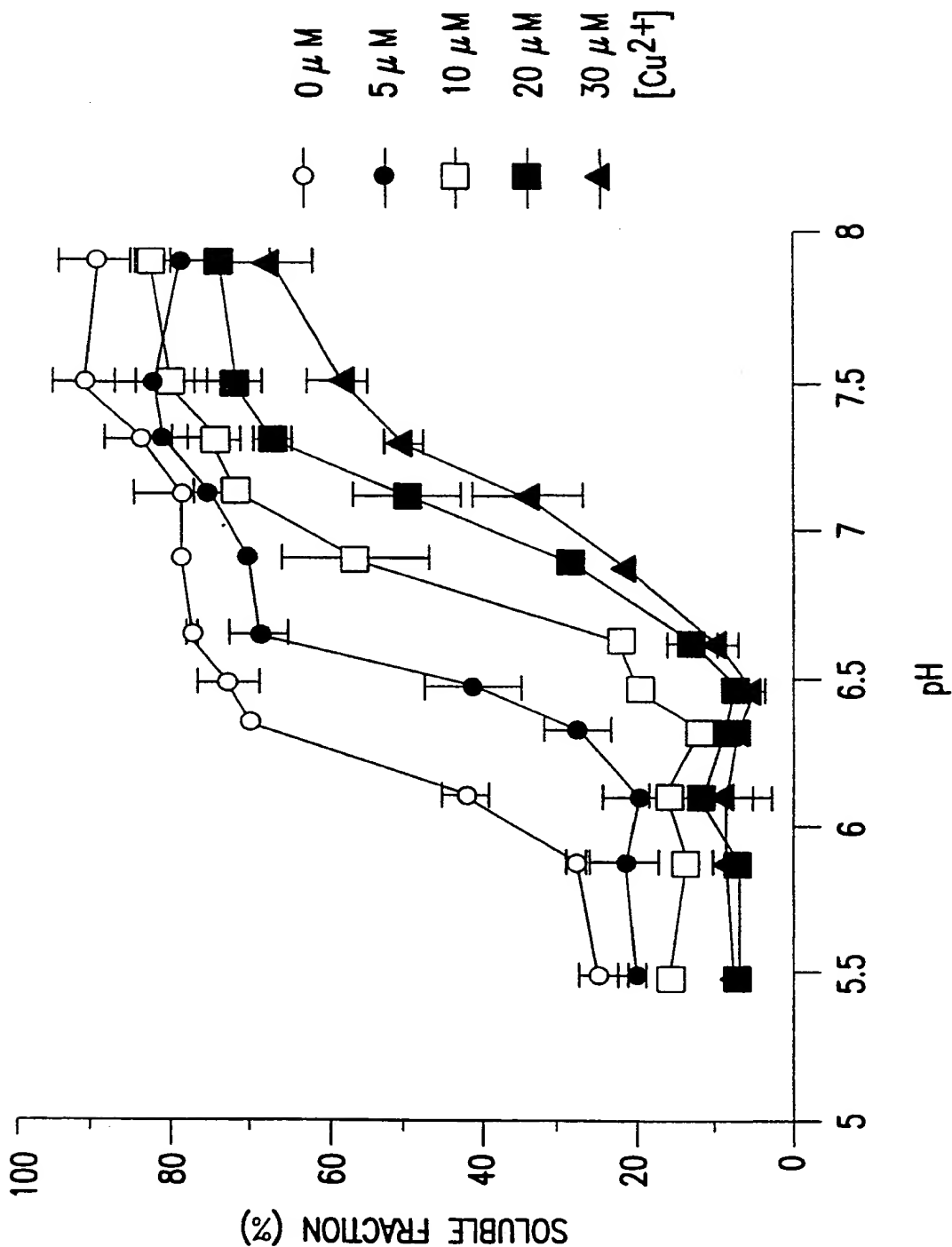


FIG. 4B

09380704-060600

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APPROVED BY DRAFTSMAN	D.G. FIG.
	CLASS SUBCLASS

RELEATIVE SIGNAL

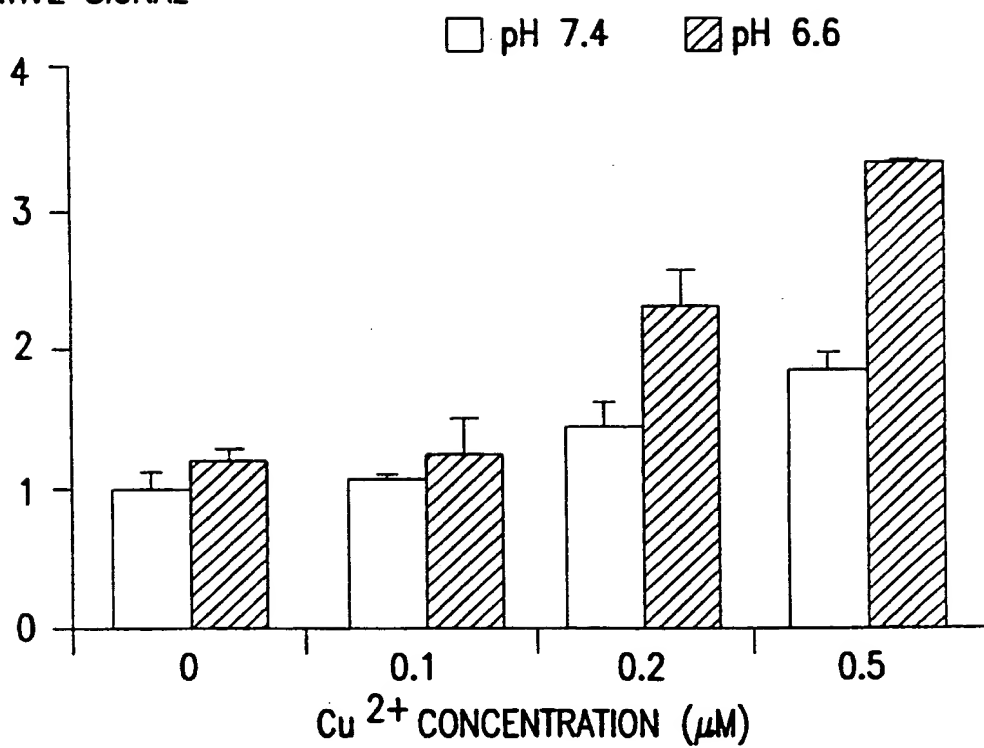


FIG.4C

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

WO 98/40071

PCT/US98/04683

09/380704

9/56

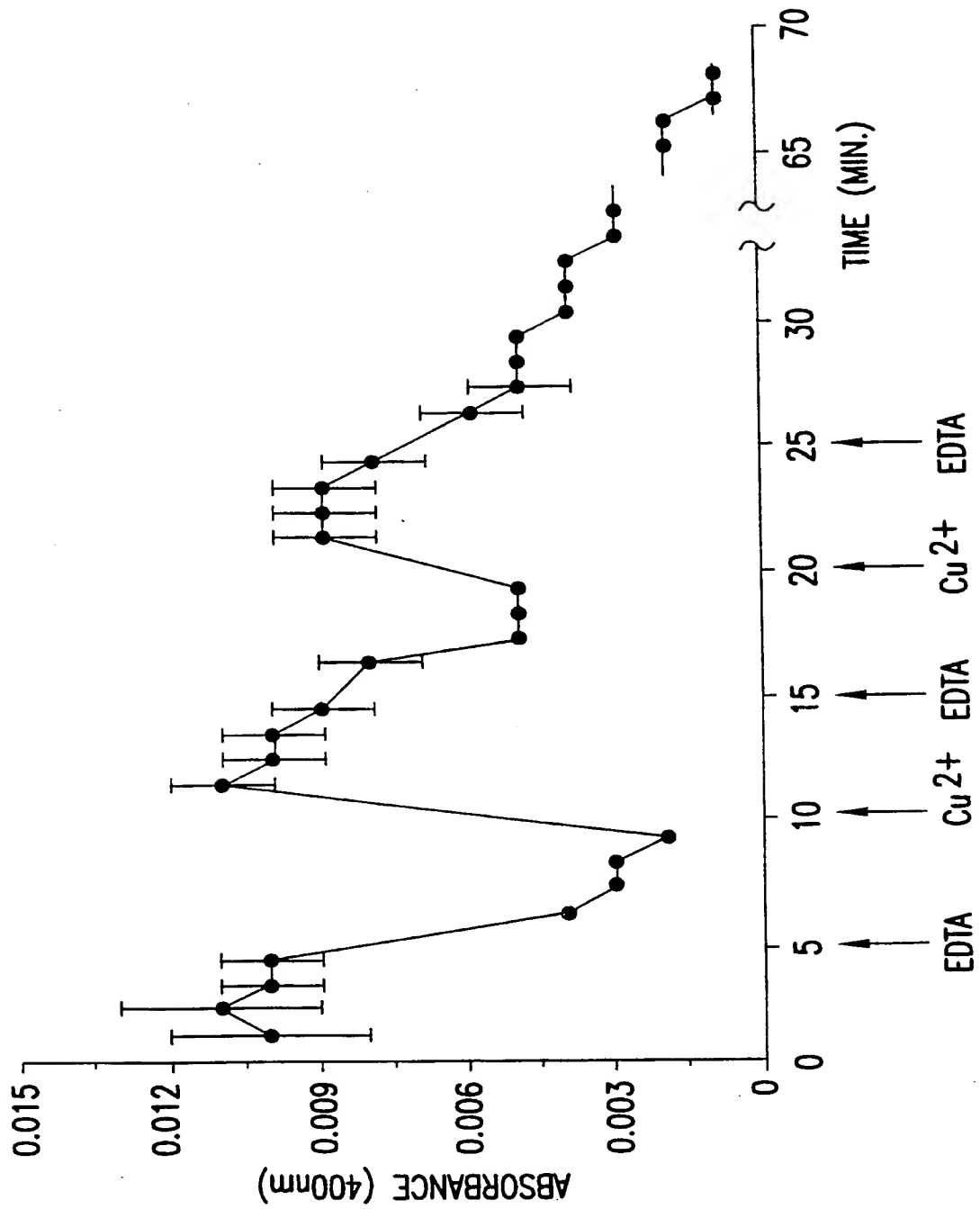


FIG.5A

09380704.060600

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

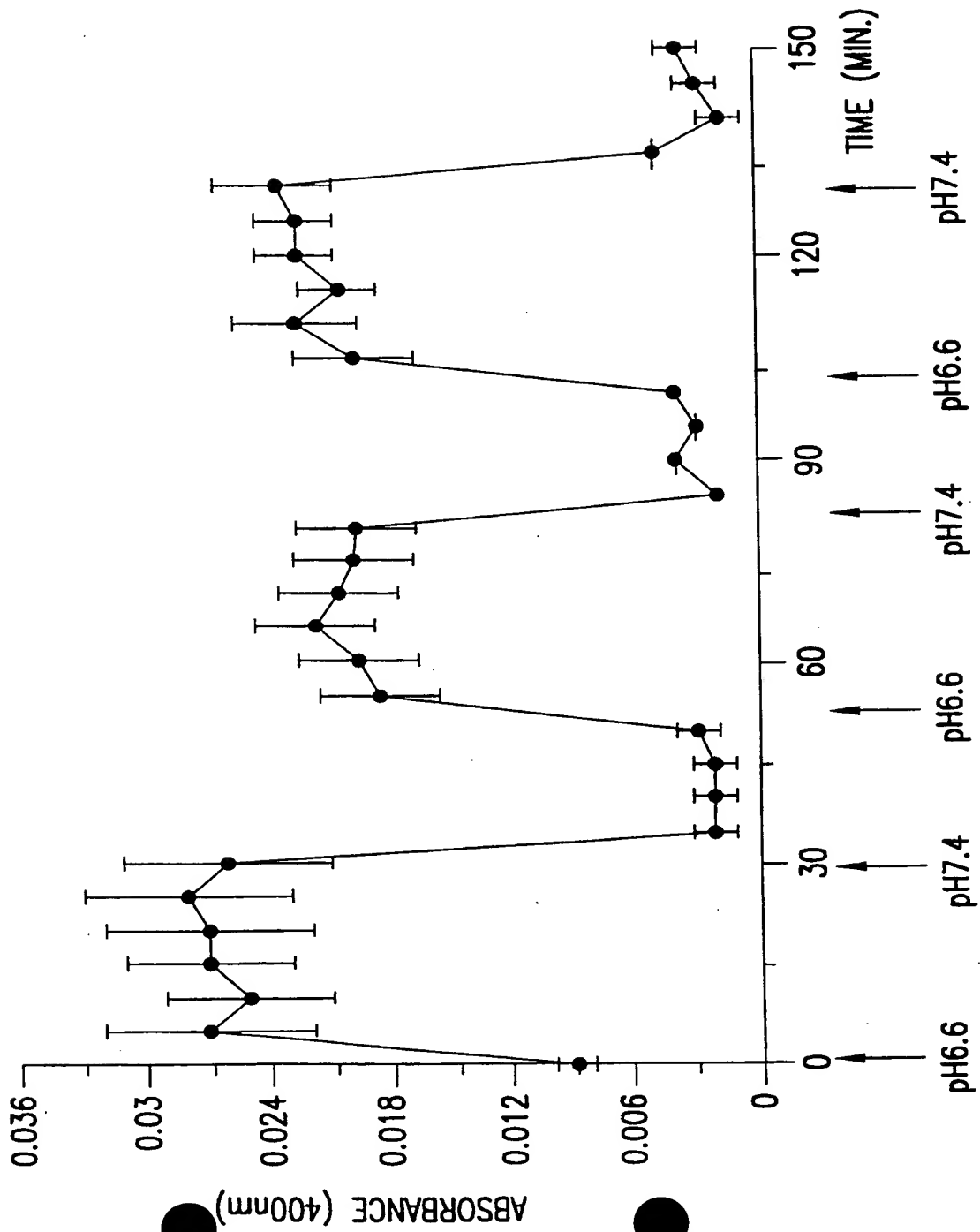


FIG.5B

09380704-060600

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

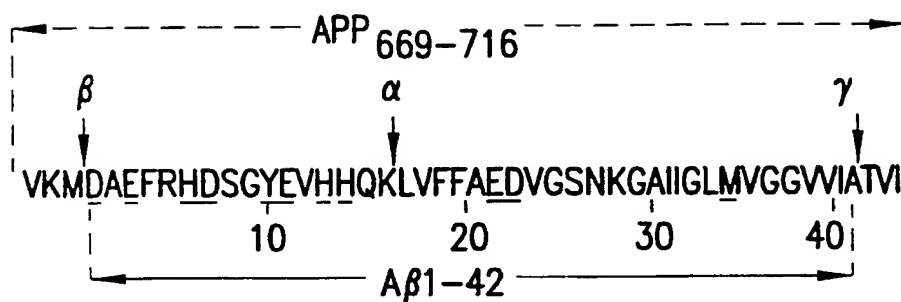


FIG.6

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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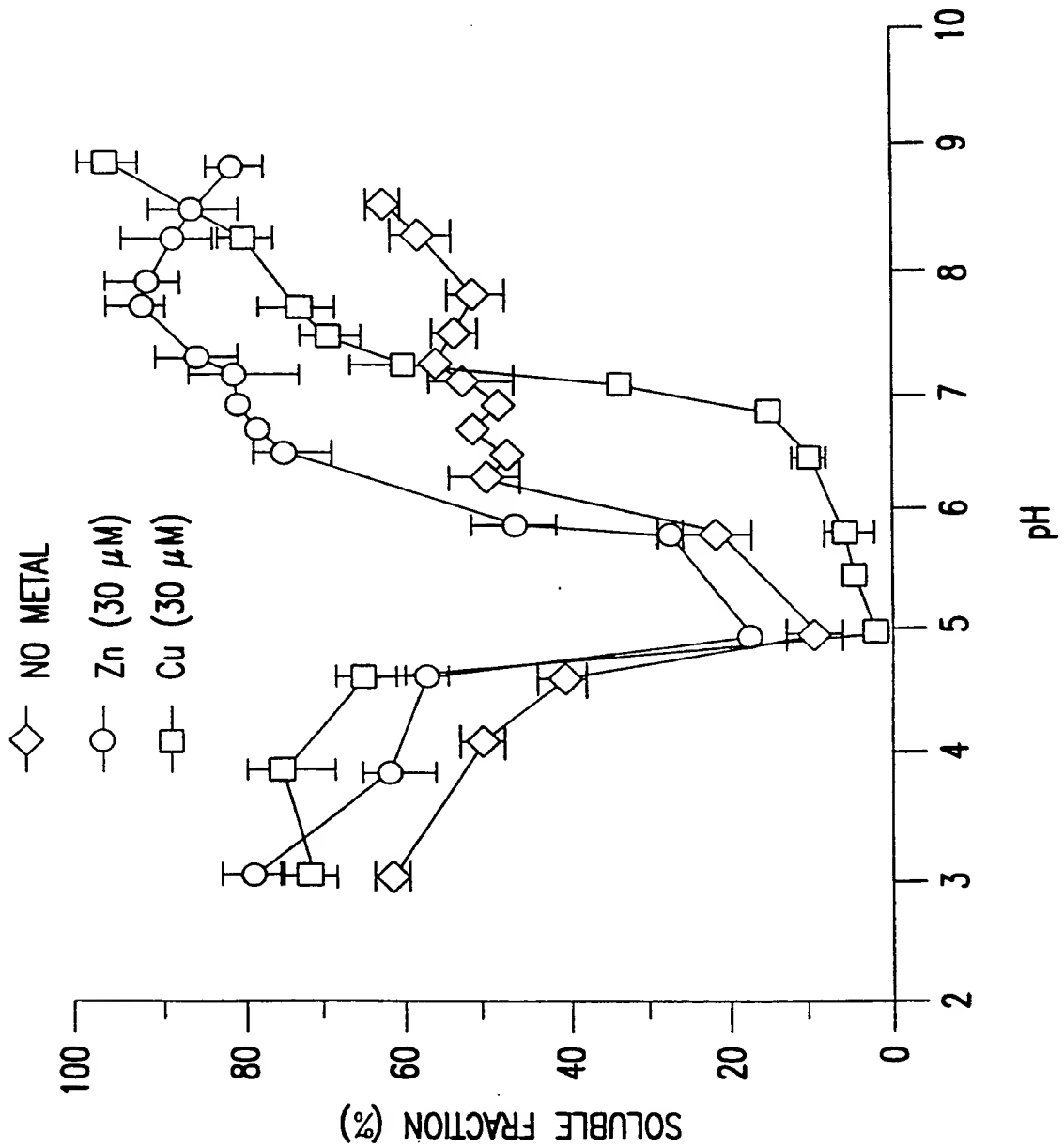


FIG.7

09380704.050500

APPROVED	BY	DRAFTSMAN
O.G. FIG.		CLASS/SUBCLASS

009090" 40208850

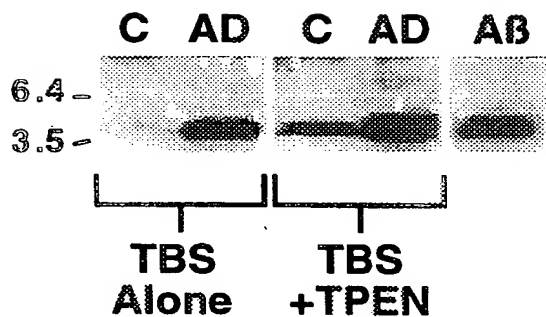


FIG.8

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APPROVED BY	O.G. FIG.	
	CLASS	SUBCLASS
DRAFTSMAN		

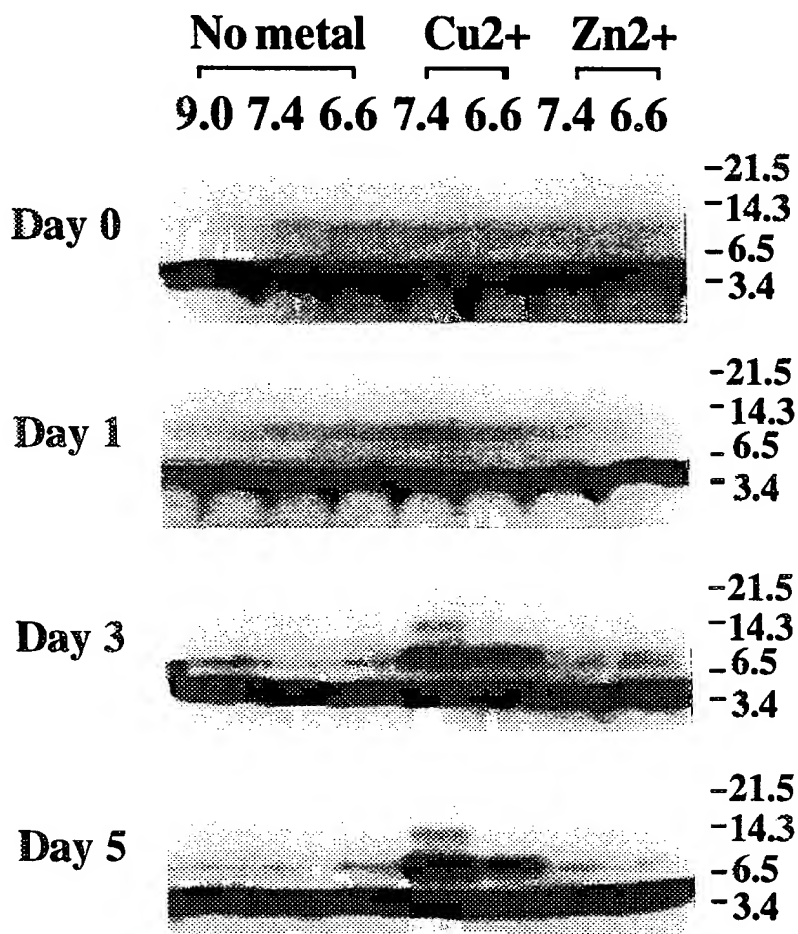


FIG.9

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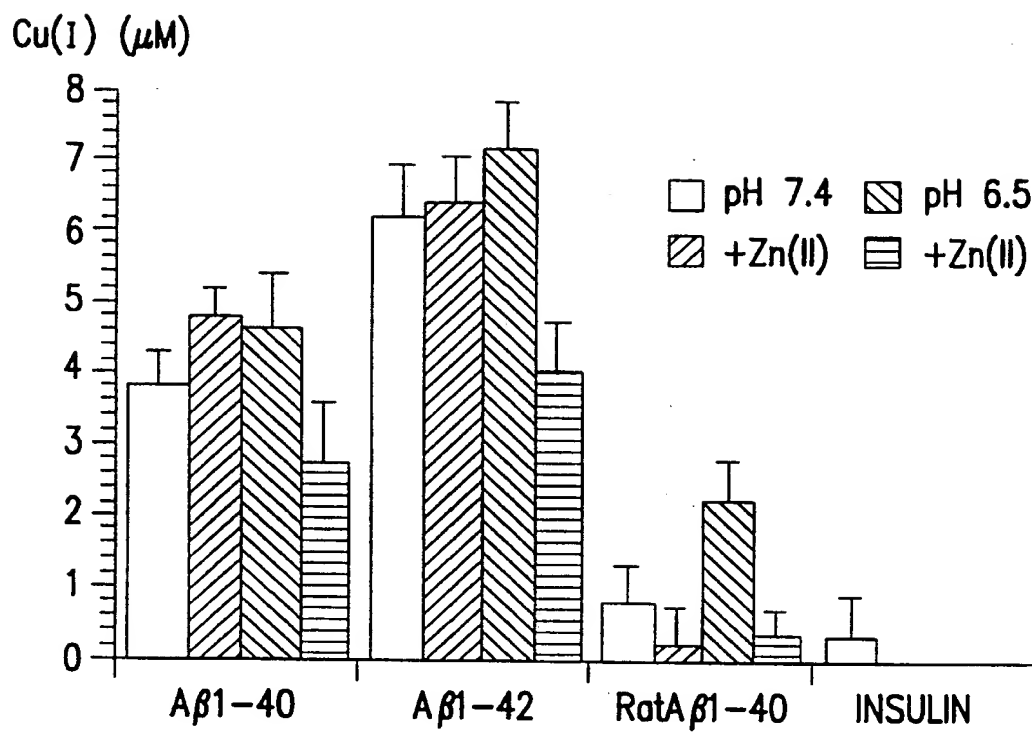
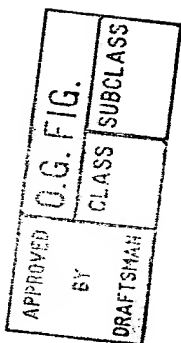


FIG.10

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APPROVED BY DRAFTSHAH	O.G. FIG.	
	CLASS	SUBCLASS

009090-140208E60

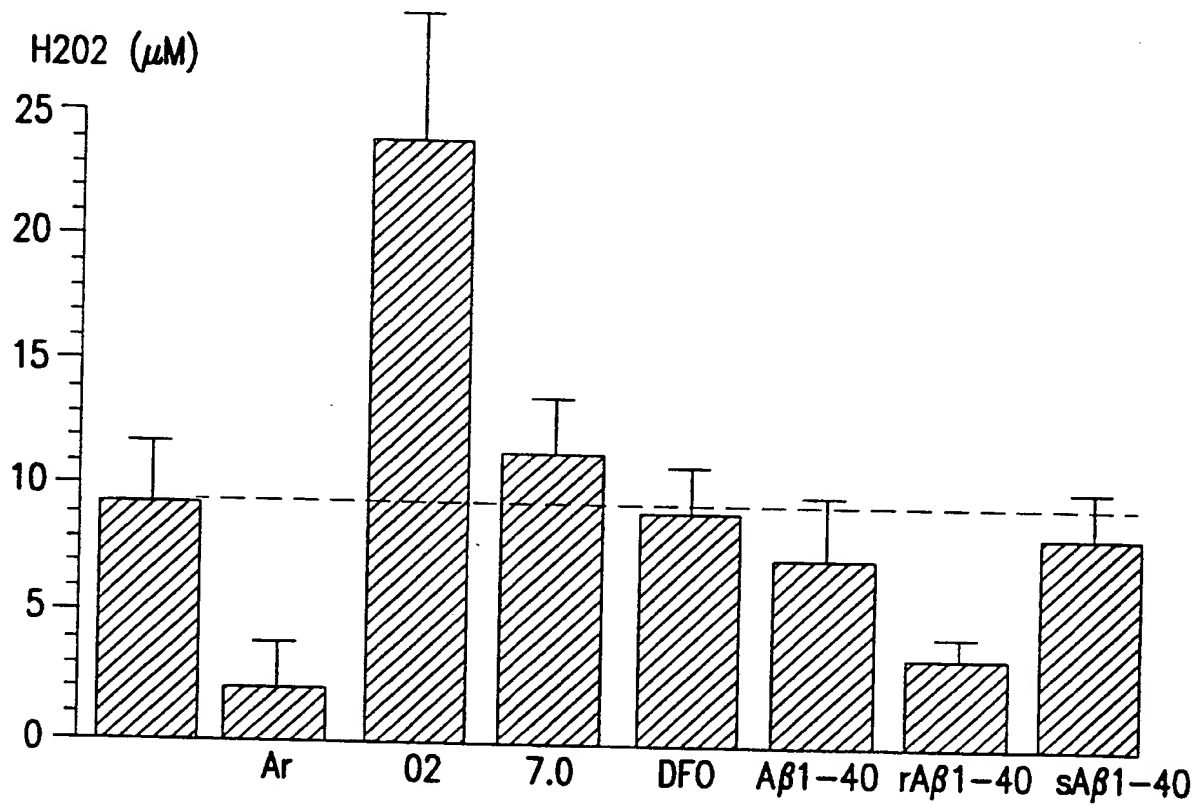


FIG.11

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APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY	DRAFTSMAN	

009090" NOZ08E60

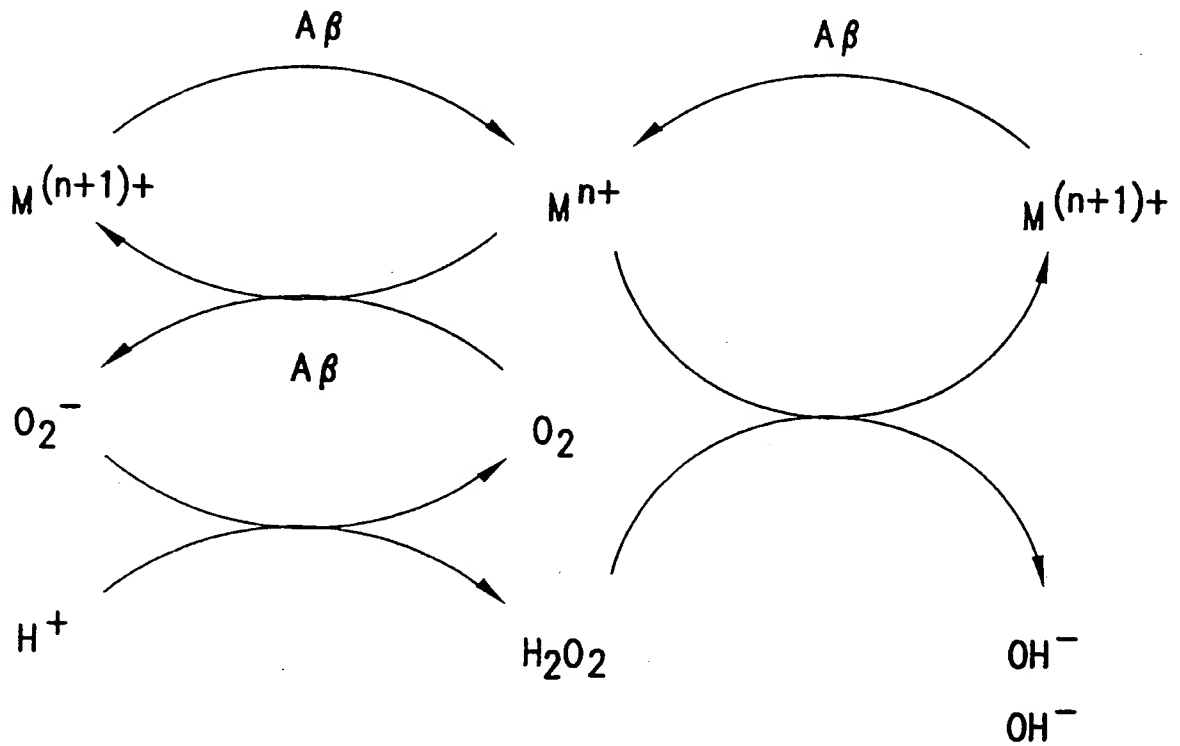


FIG.12

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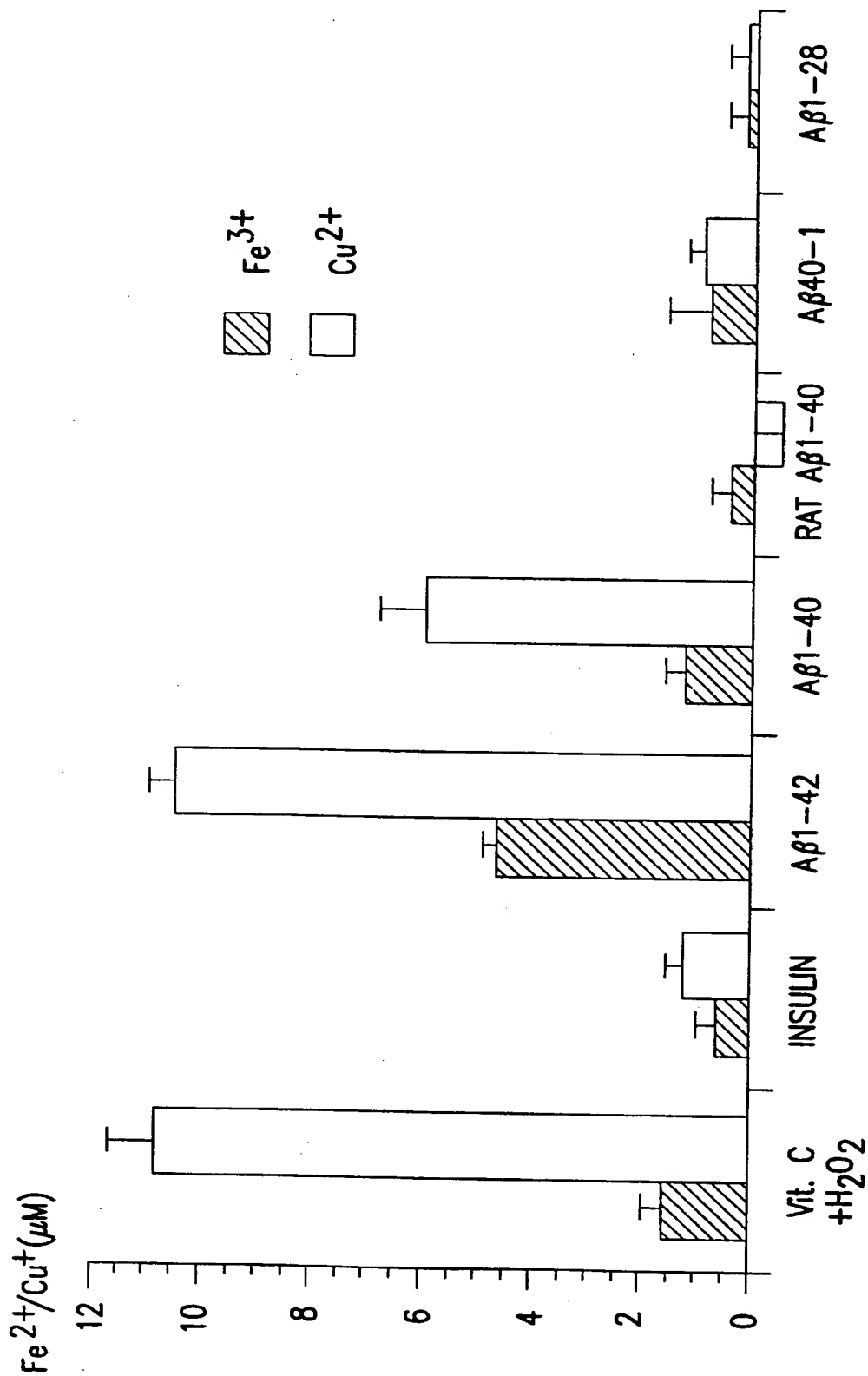




FIG.13A

009090 "40208E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Fe^{3+} Cu^{2+}

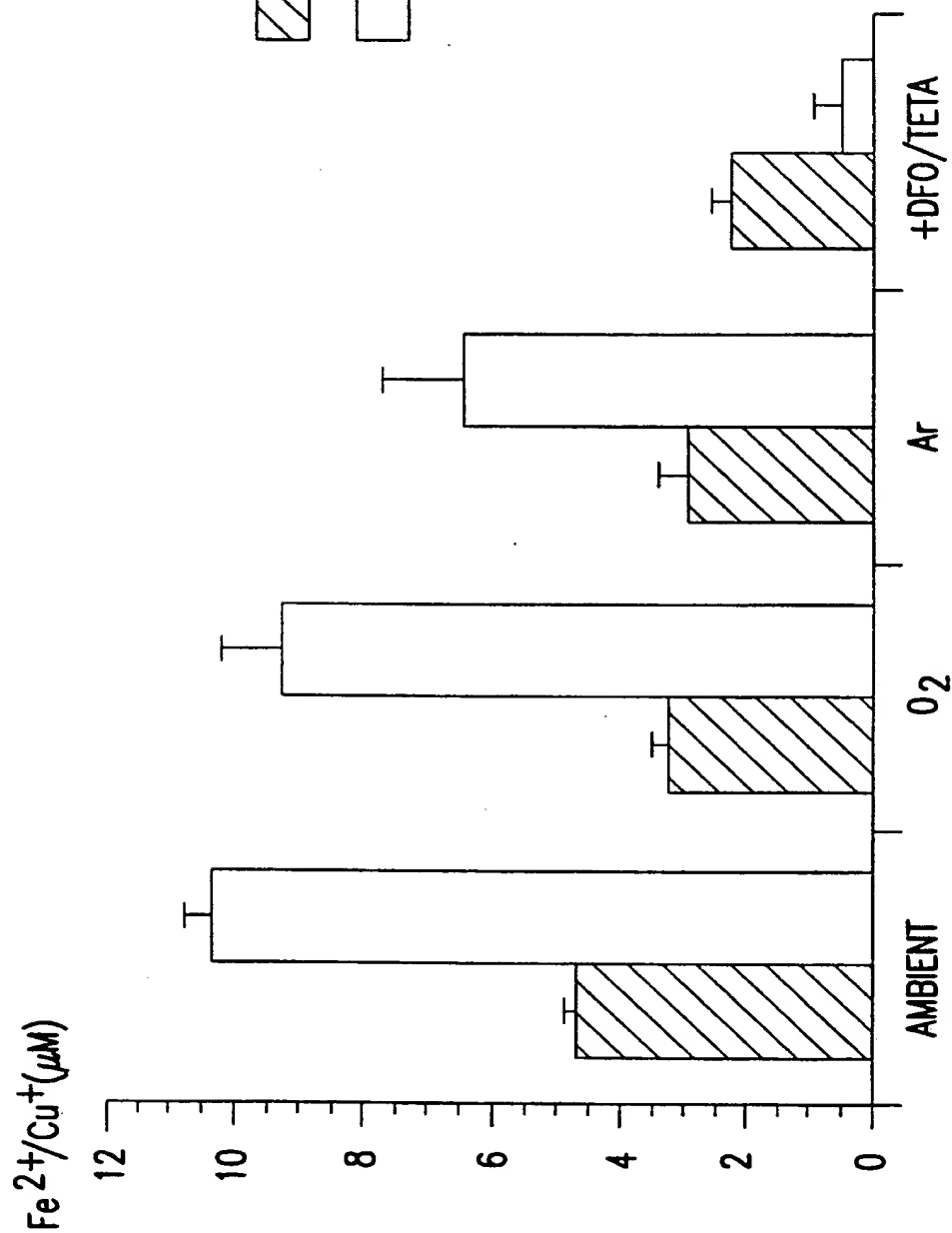


FIG. 13B

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APPROVED BY DRAFTSMAN	O.G. FIG.	CLASS	SUBCLASS

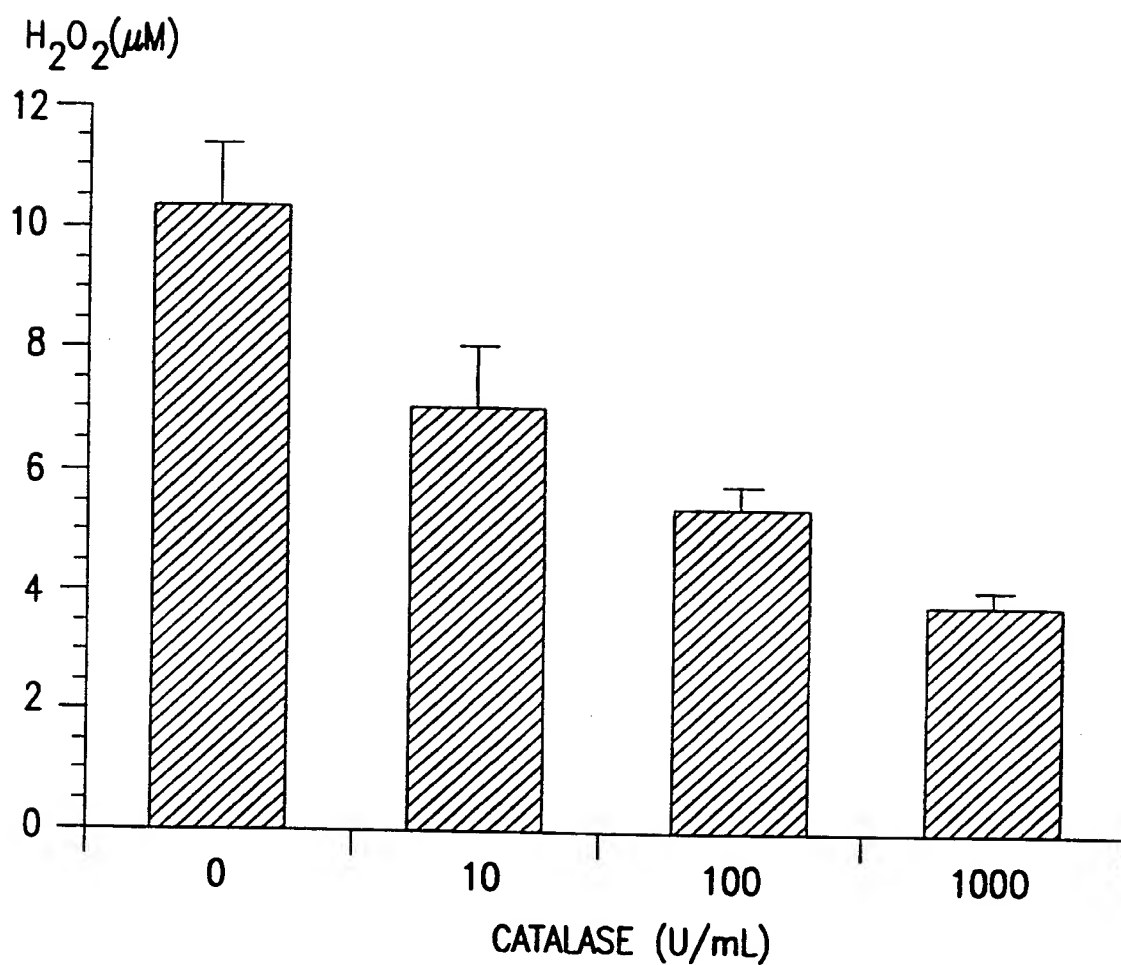


FIG.14A

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

21/56

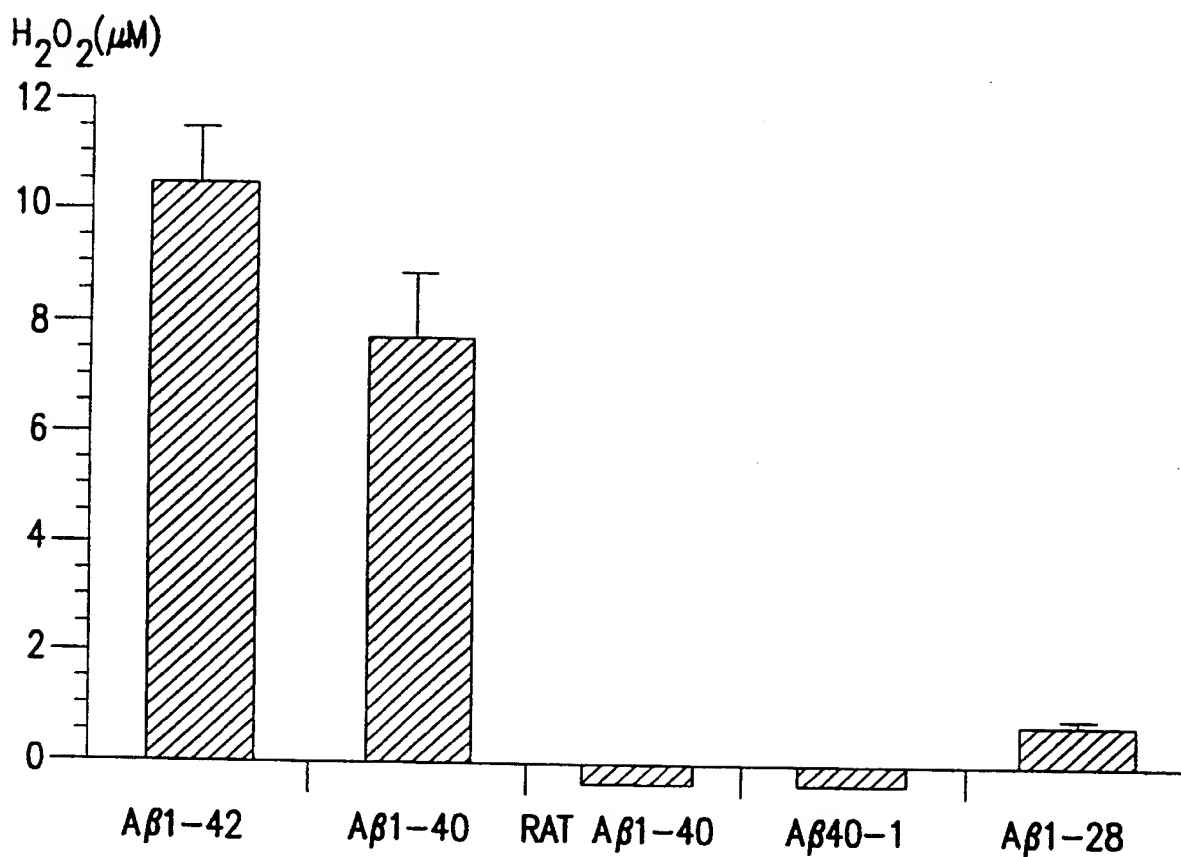


FIG.14B

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

22/56

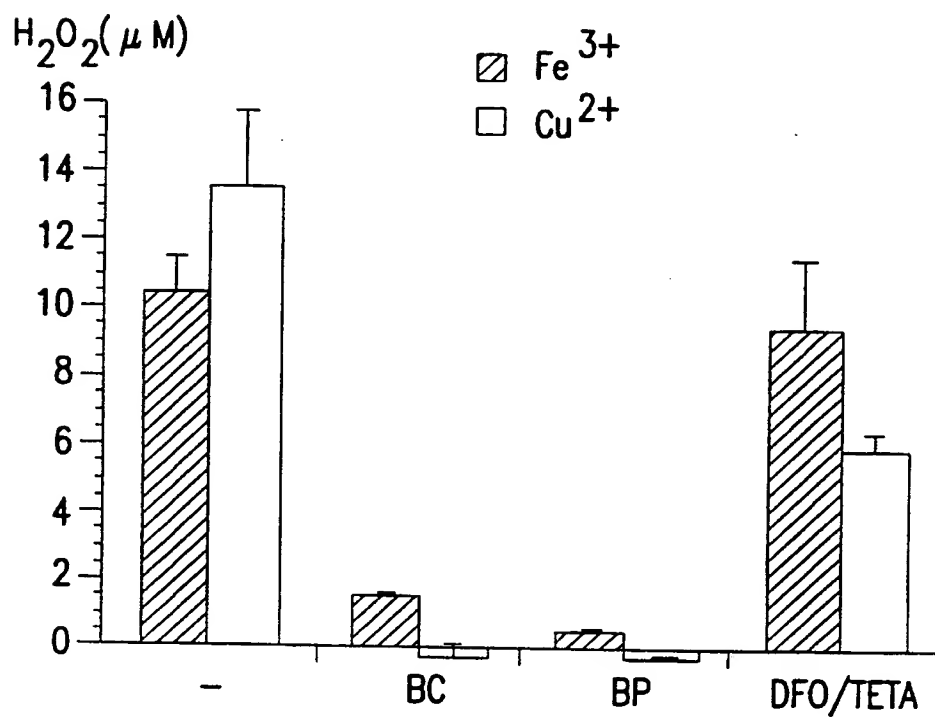


FIG.14C

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

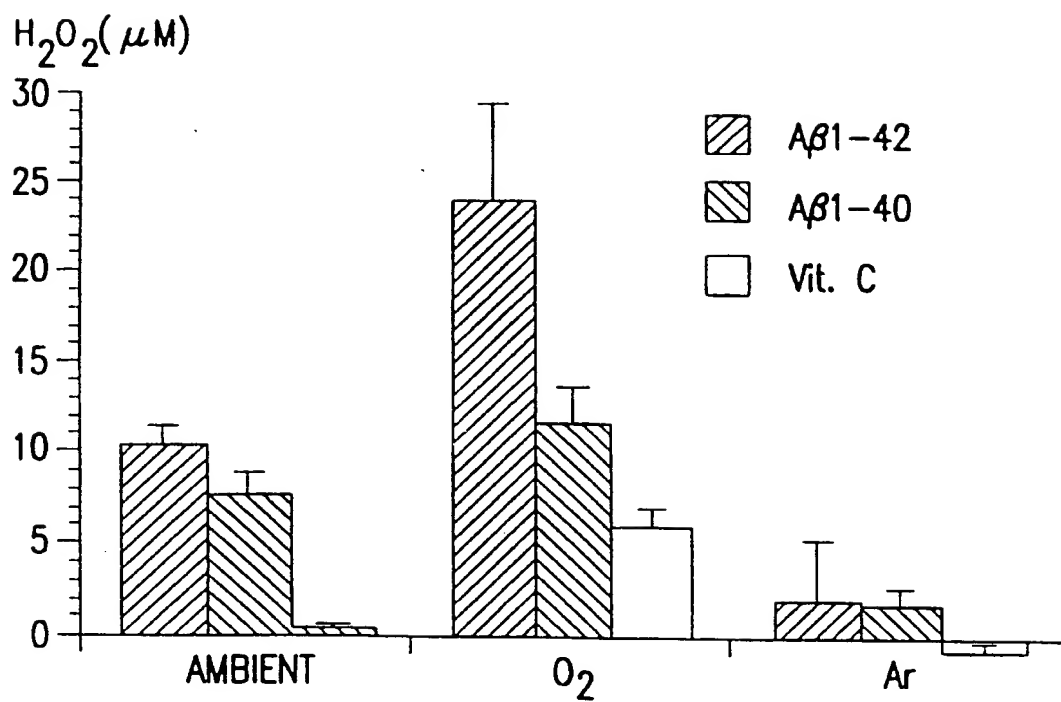


FIG.14D

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APPROVED BY	O.G. FIG.
	CLASS SUBCLASS
DRAFTSMAN	

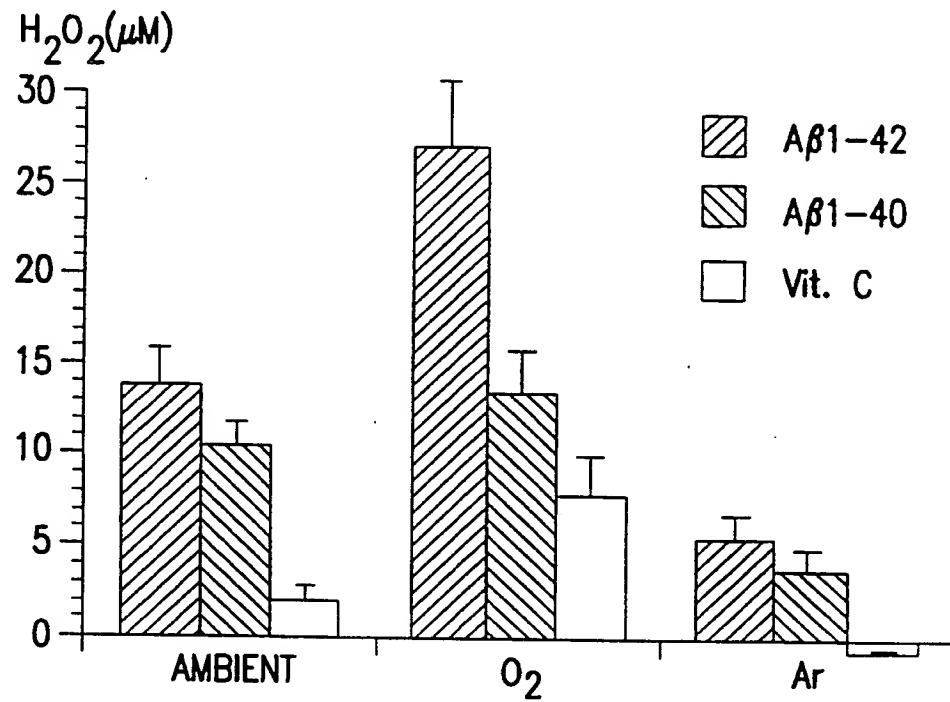


FIG.14E

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APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY		
DRAFTSMAN		

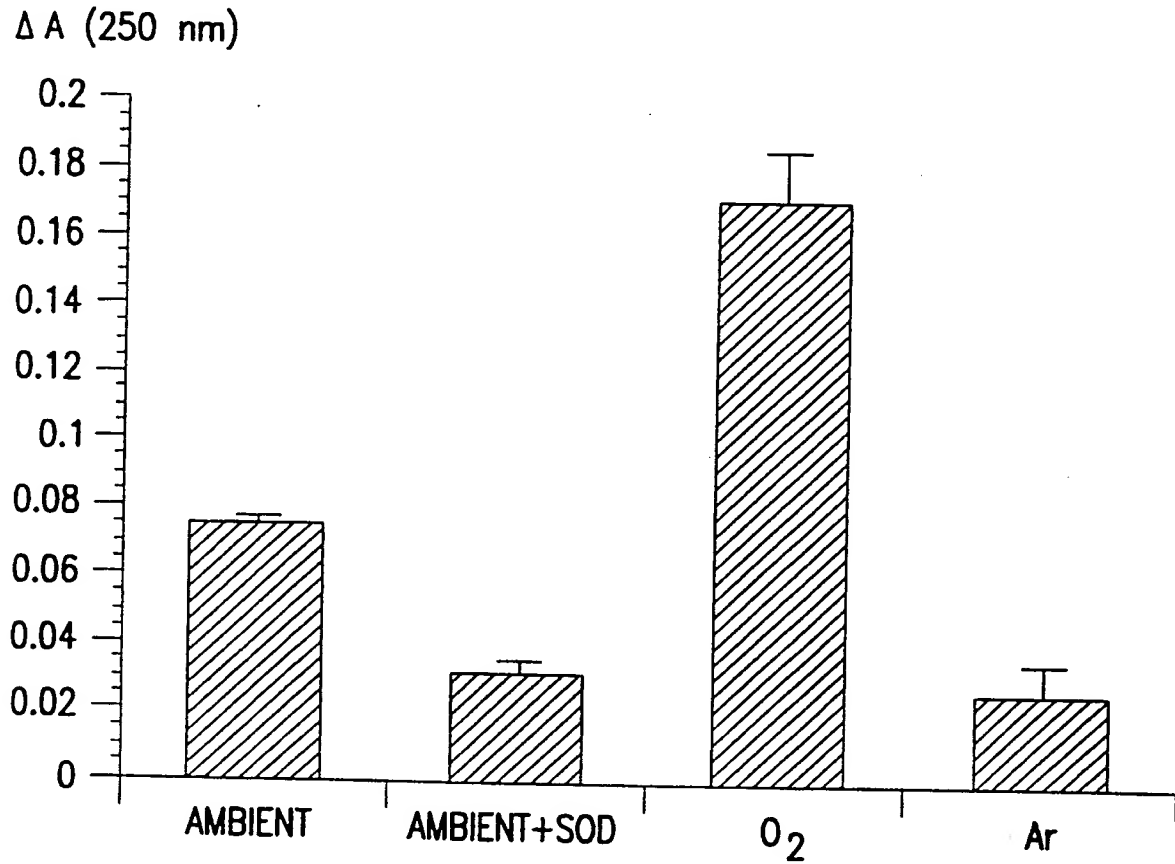


FIG.15A

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APPROVED BY	0.6. FIG.	
	CLASS	SUBCLASS
DRAFTSMAN		

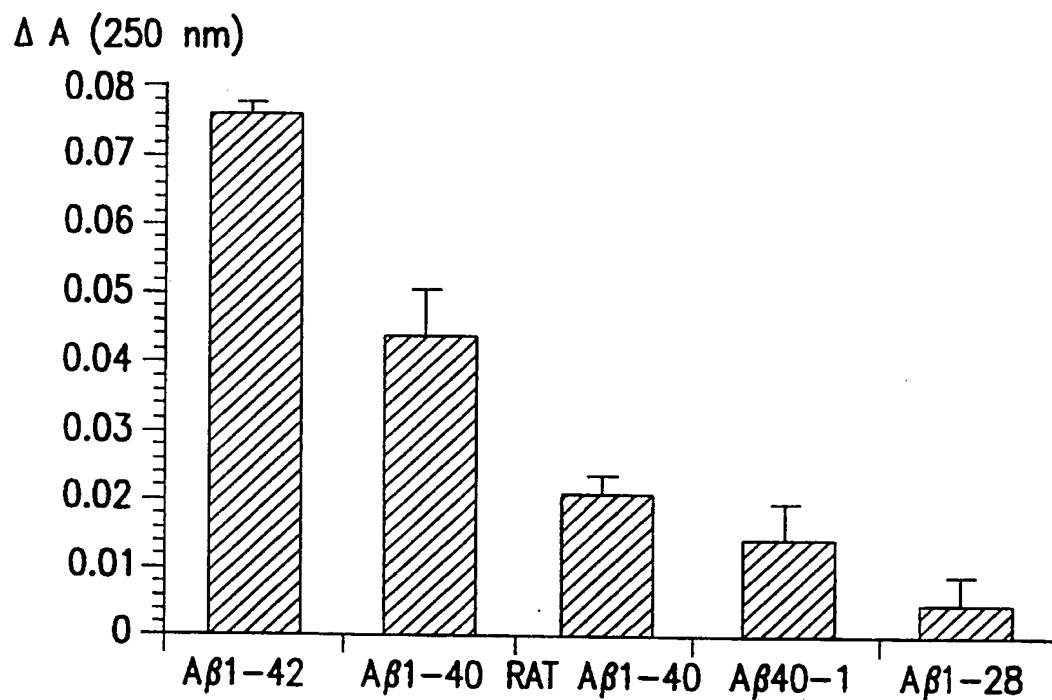


FIG.15B

003090" 40208660

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

WO 98/40071

09/380704
PCT/US98/04683

27/56

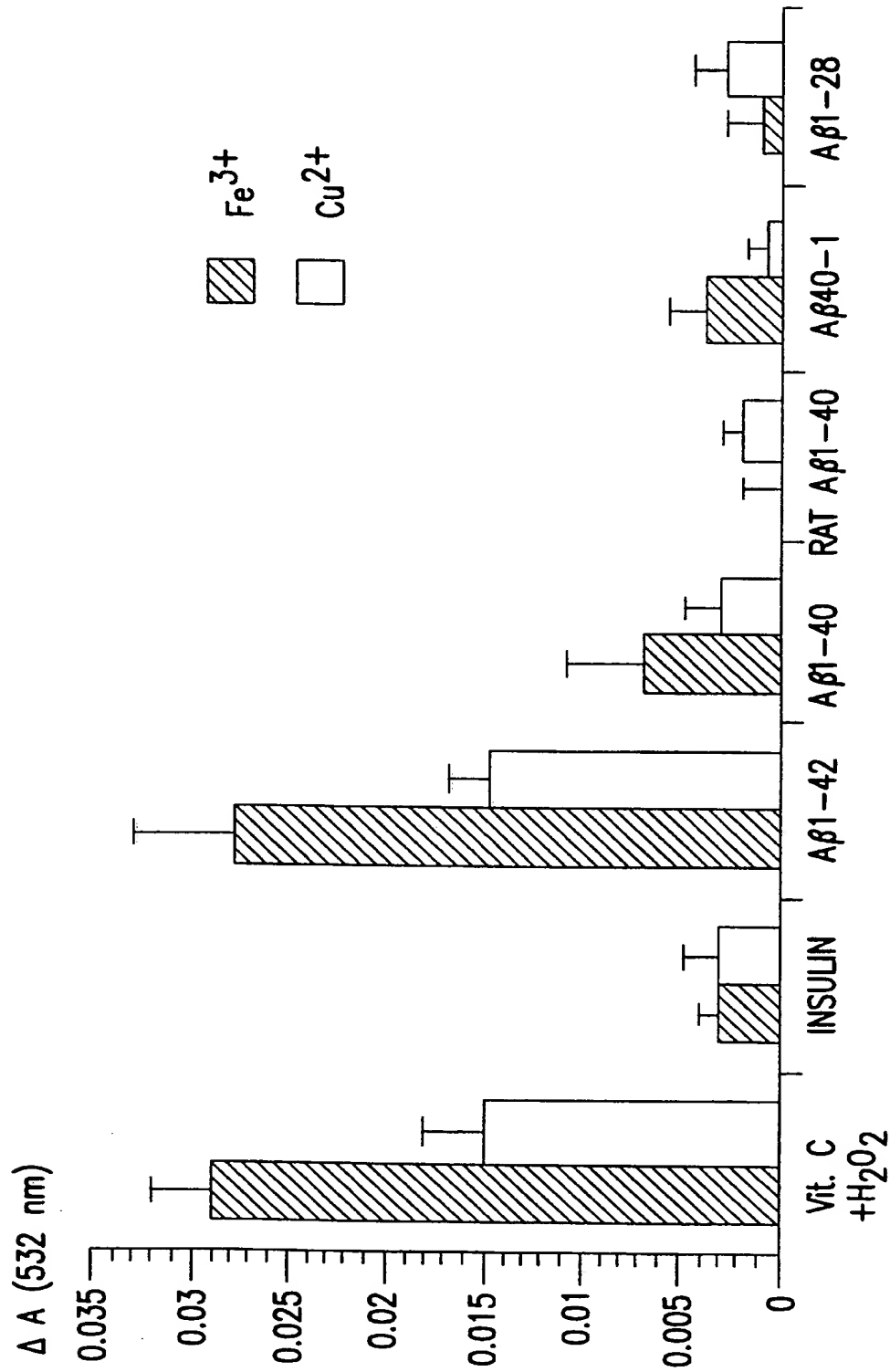


FIG.16A

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

009090 "40208E50

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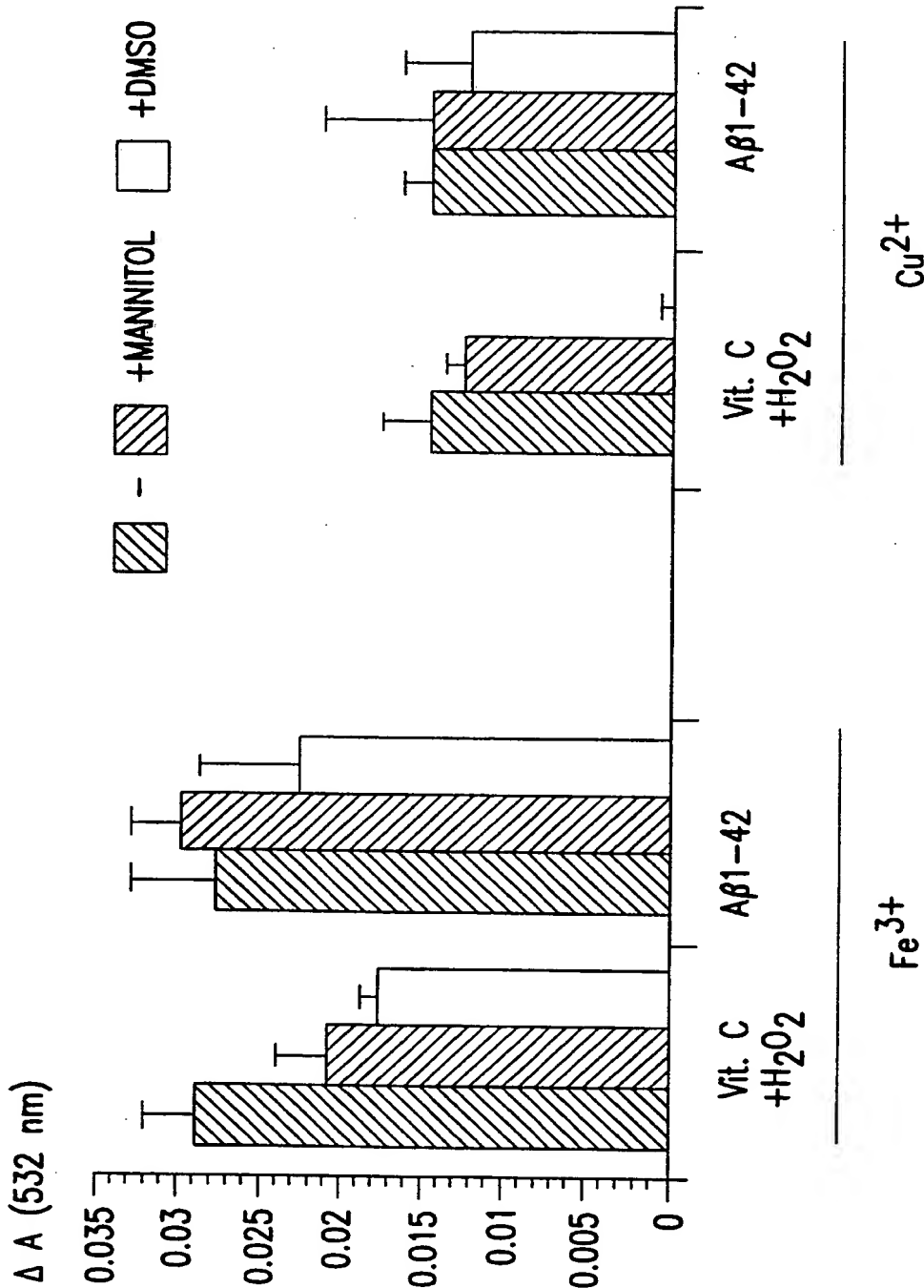


FIG.16B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

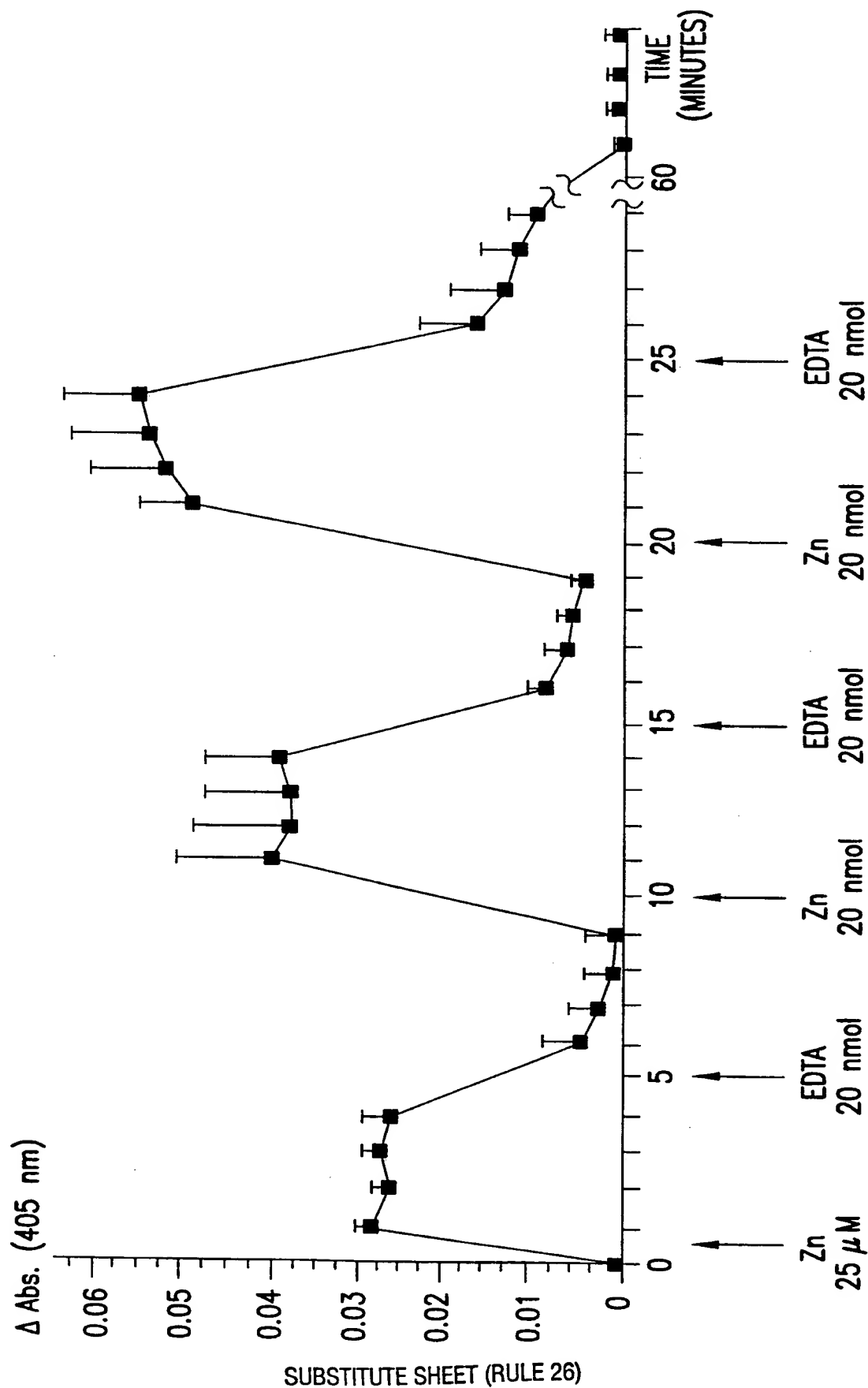
[illegible]

FIG. 17

009090" 40208650

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

WO 98/40071

19980309 PM

09/380704

PCT/US98/04683

30/56

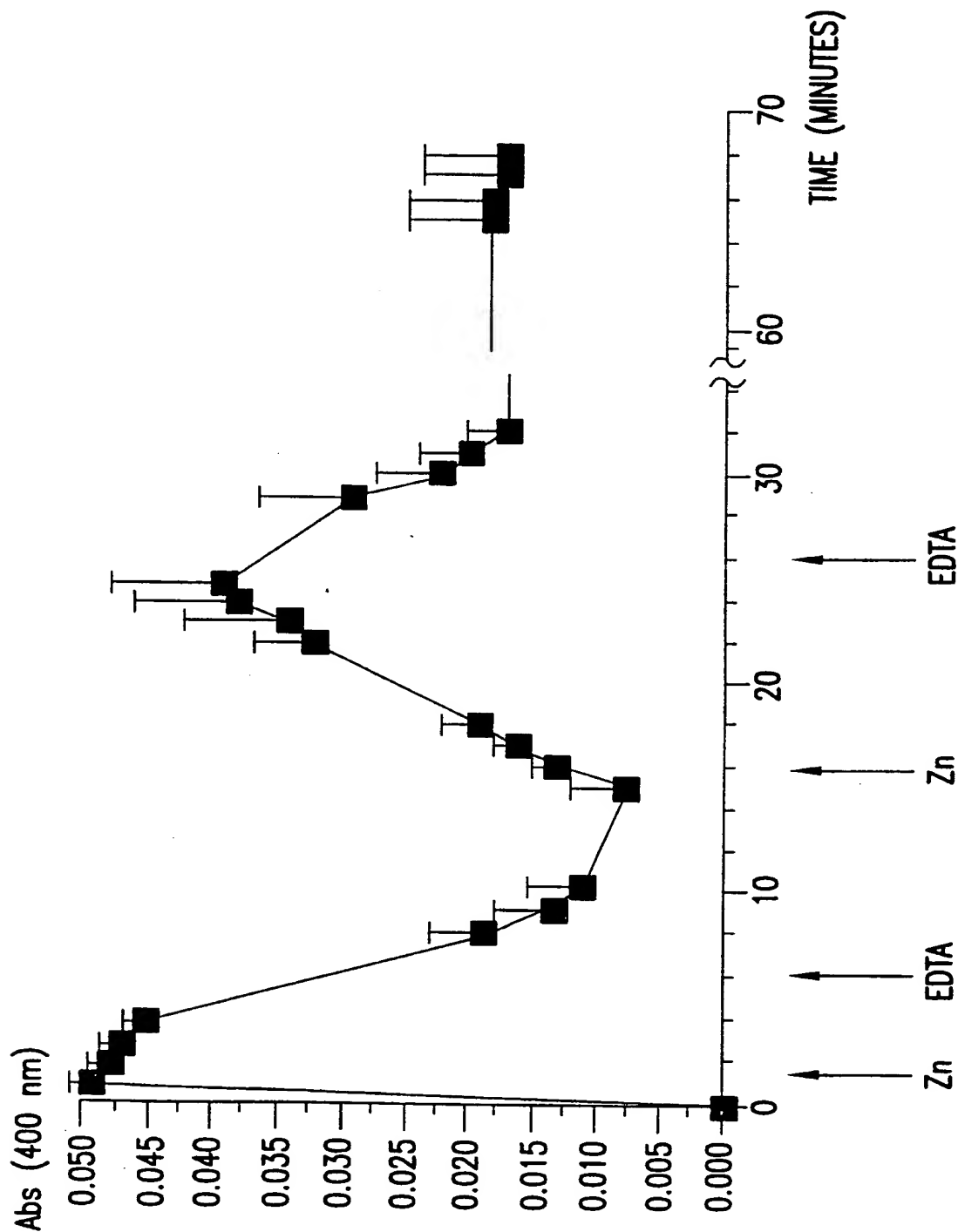


FIG.18

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O.G. FIG.		CLASS		SUBCLASS	
APPROVED	BY	DRAFTSMAN			

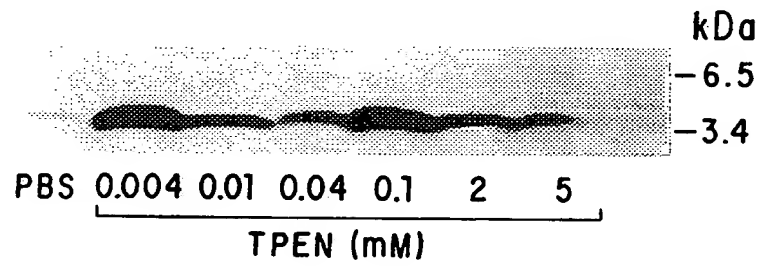


FIG.19A

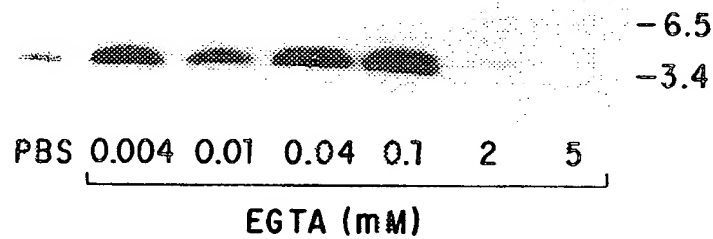


FIG.19C

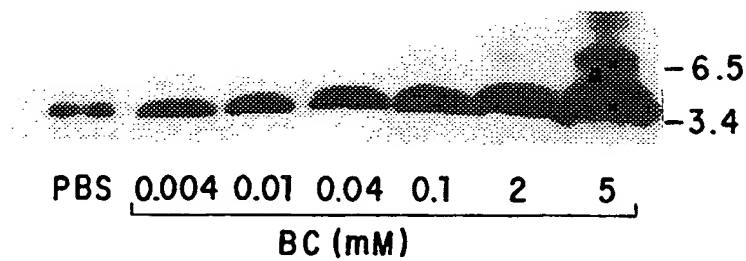


FIG.19E

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

O.D.

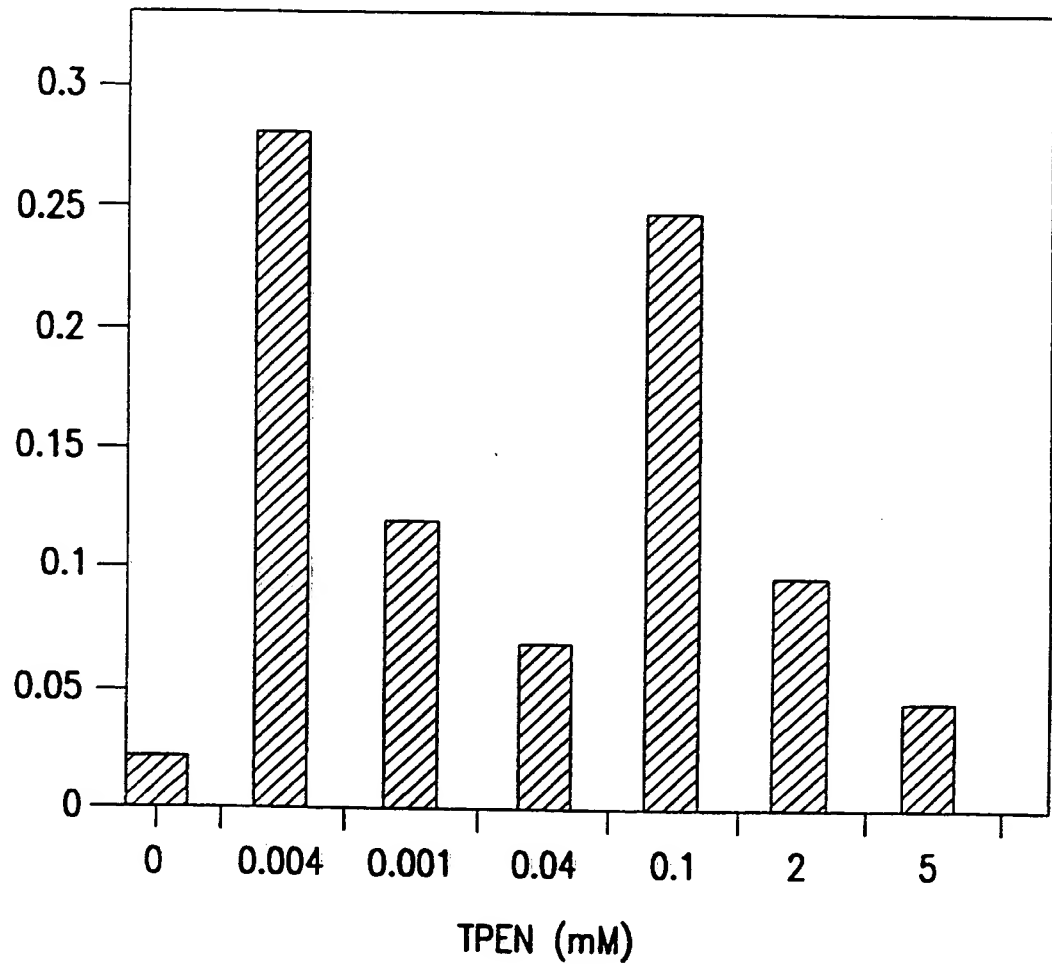


FIG.19B

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

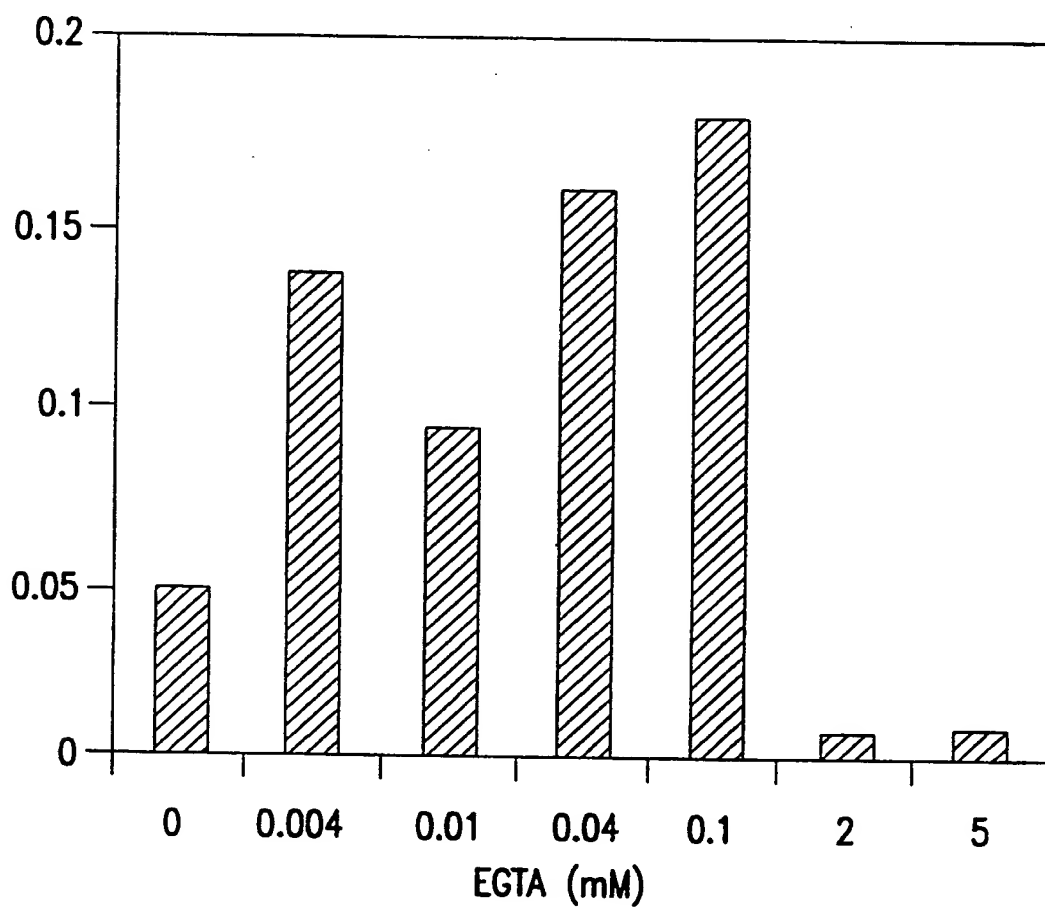


FIG.19D

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O.G. FIG.	CLASS	SUBCLASS
	DRAFTSMAN	
APPROVED	BY	

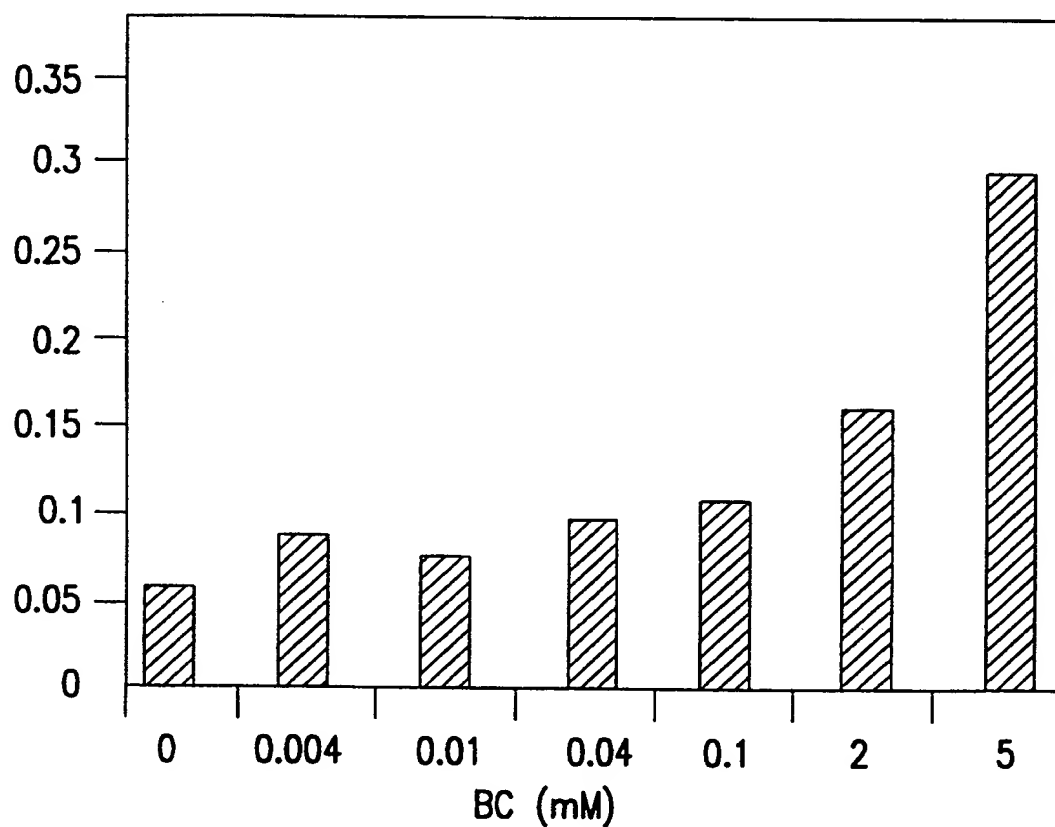


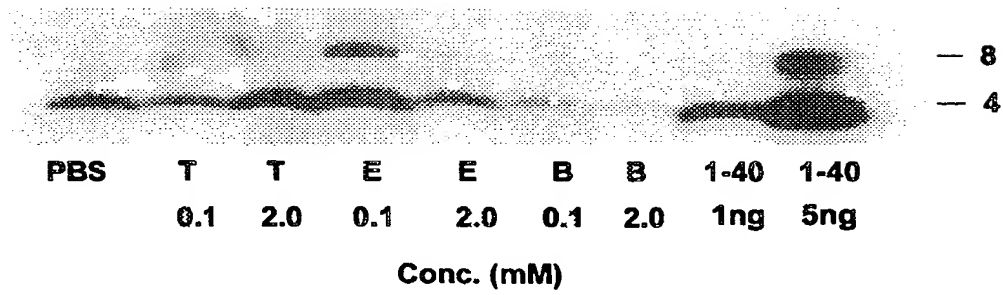
FIG.19F

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

009090-40208E60

AC 10/7/97



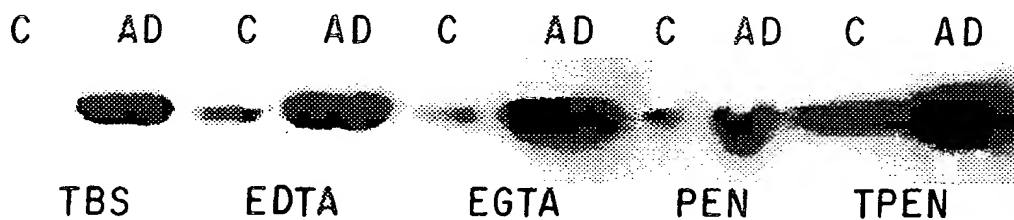
Age- matched control- (indicative gel)

FIG.20A

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

005050 "H0203660



Young control vs AD, various chelators 5mM

FIG.20B

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APPROVED BY	O.G. FIG.
DRAFTSMAN	CLASS SUBCLASS

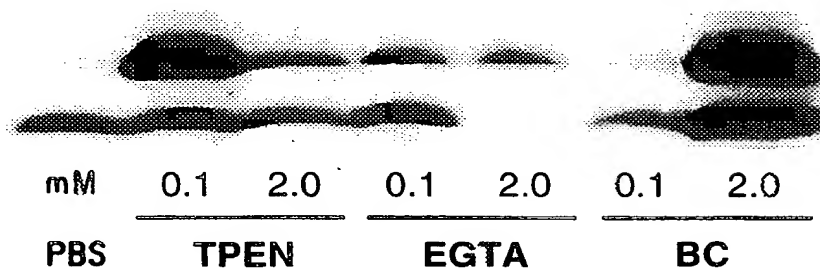


FIG.21

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

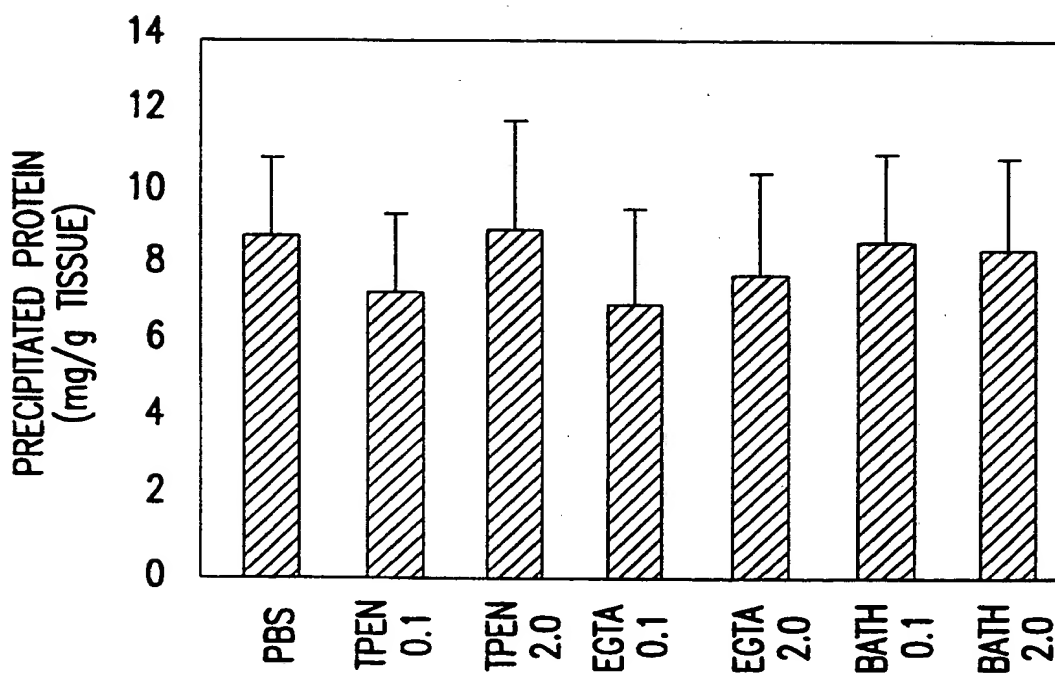


FIG.22

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O.G. FIG.	
CLASS	SUBCLASS
APPROVED BY	DRAFTSMAN

009090"40208660

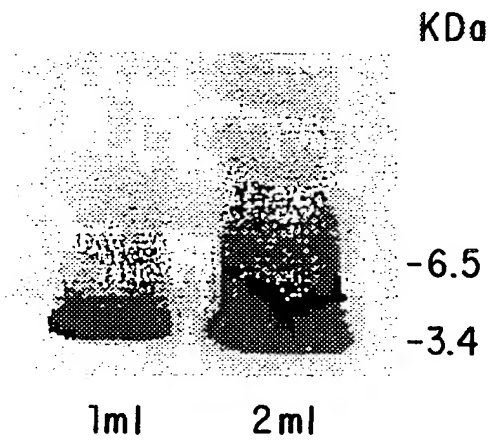


FIG.23

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

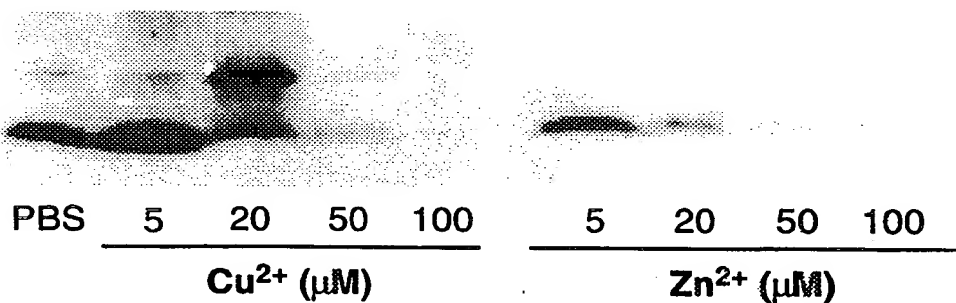
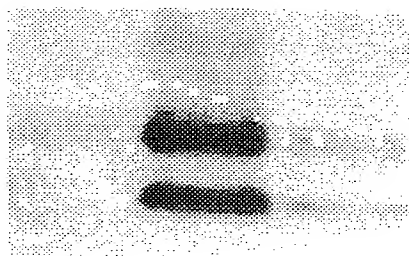


FIG.24A

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS



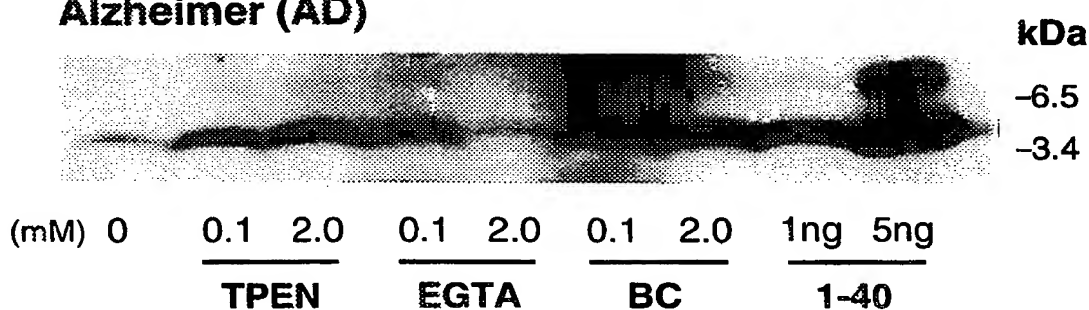
PBS Mg²⁺ Ca²⁺

FIG.24B

009090-10208860

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS

Alzheimer (AD)



Aged Control (AC)

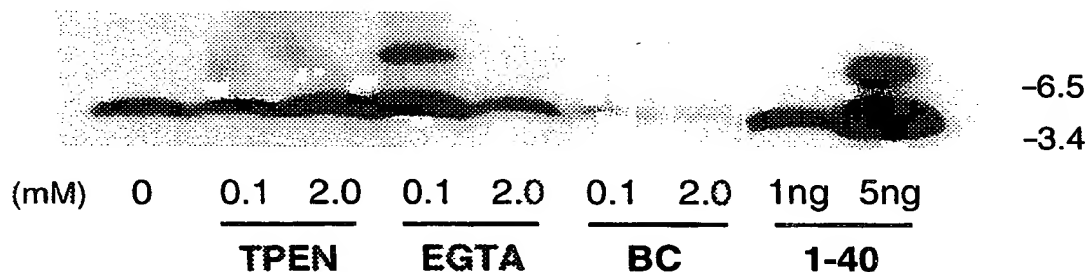


FIG.25A

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

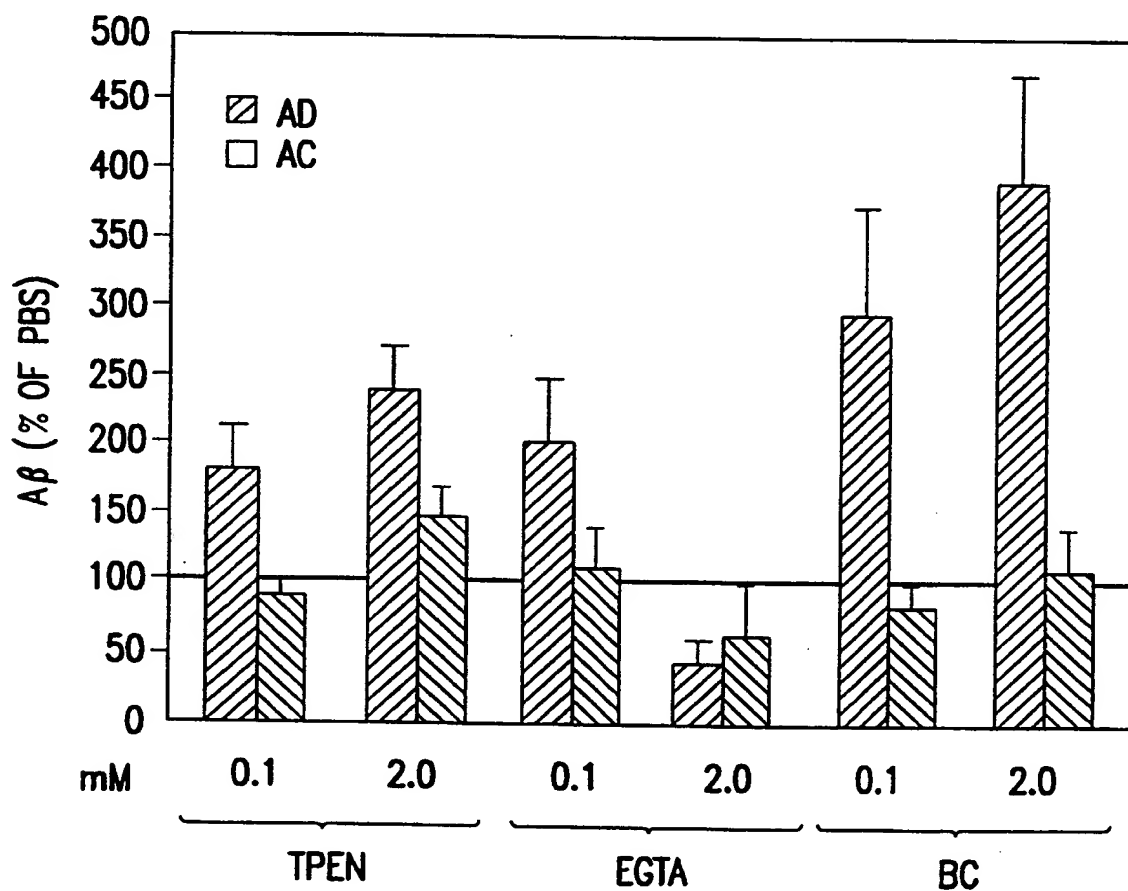


FIG.25B

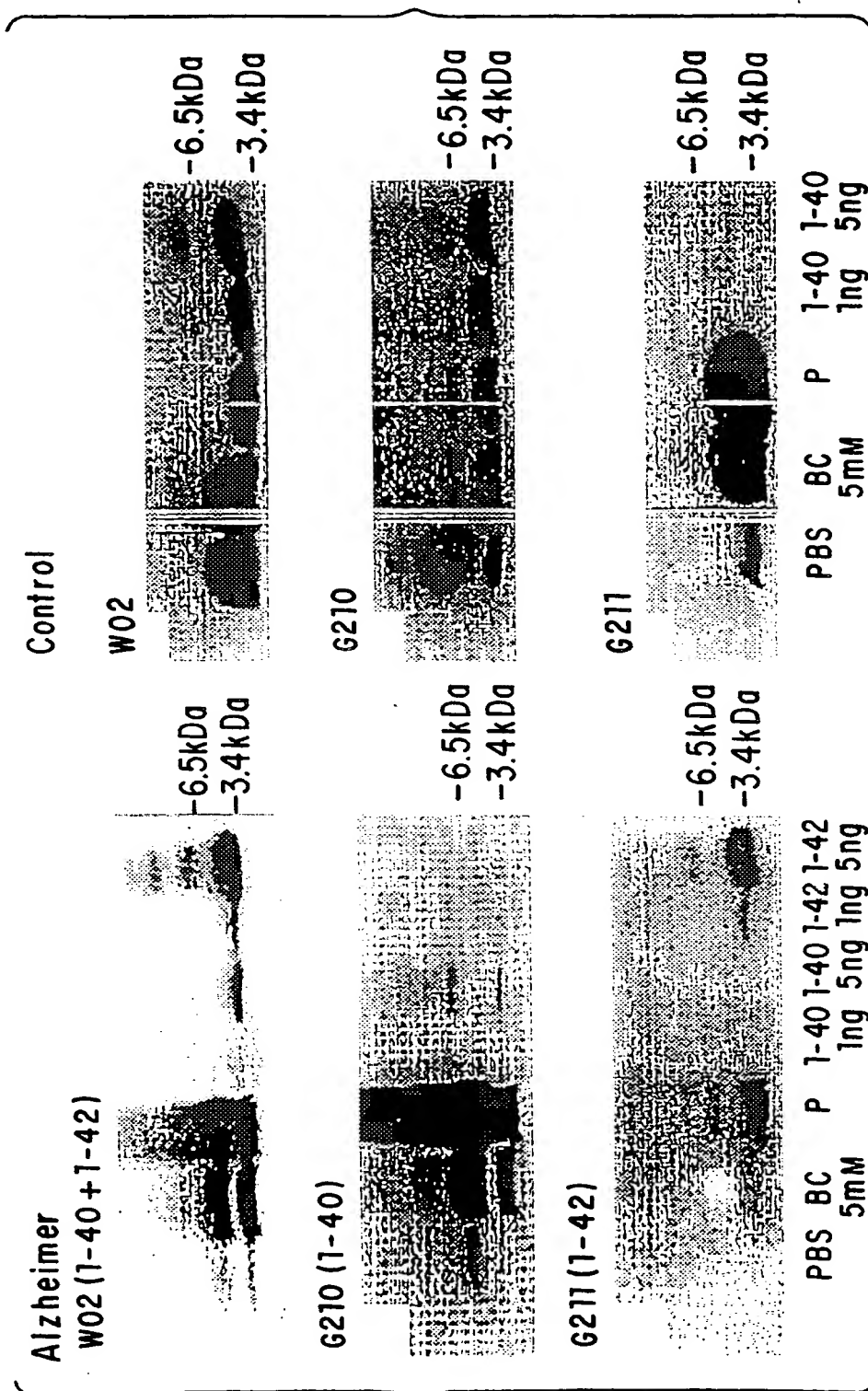


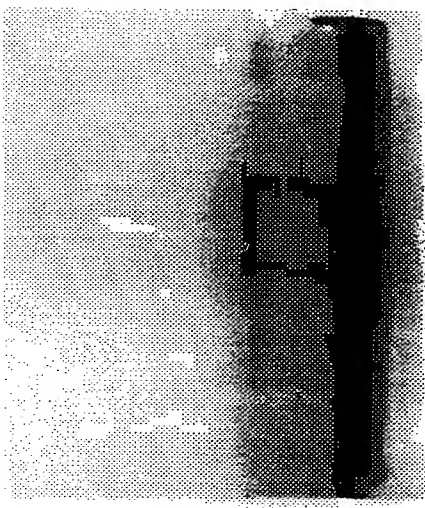
FIG. 26A

FIG. 26B

APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY		
DRAFTSMAN		

009090"40208E60

		AB1-42					
Metal	-	Cu	Cu	Fe	Fe	Fe	Fe
pH	7.4	7.4	6.6	7.4	6.6	7.4	6.6

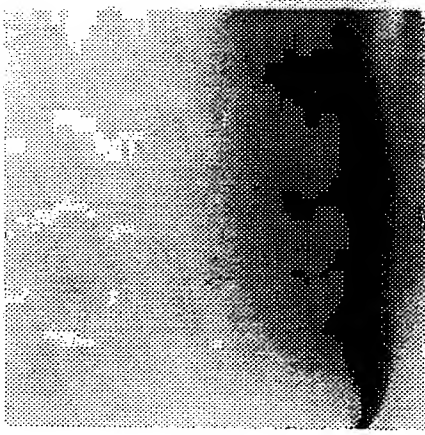


-21.5
-14.3
-6.4
-3.5

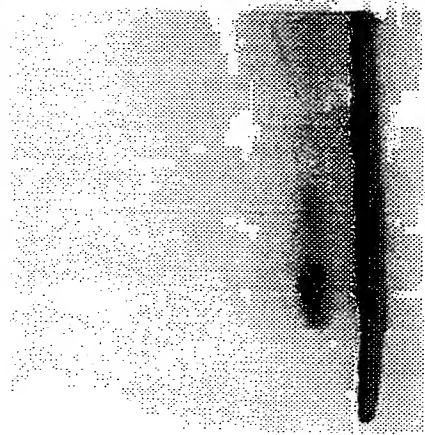


-21.5
-14.3
-6.4
-3.5

		AB1-40					
Metal	-	Cu	Cu	Fe	Fe	Fe	Fe
pH	7.4	7.4	6.6	7.4	6.6	7.4	6.6



Day 0



Day 3

FIG.27A

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

Rat Aβ1-40

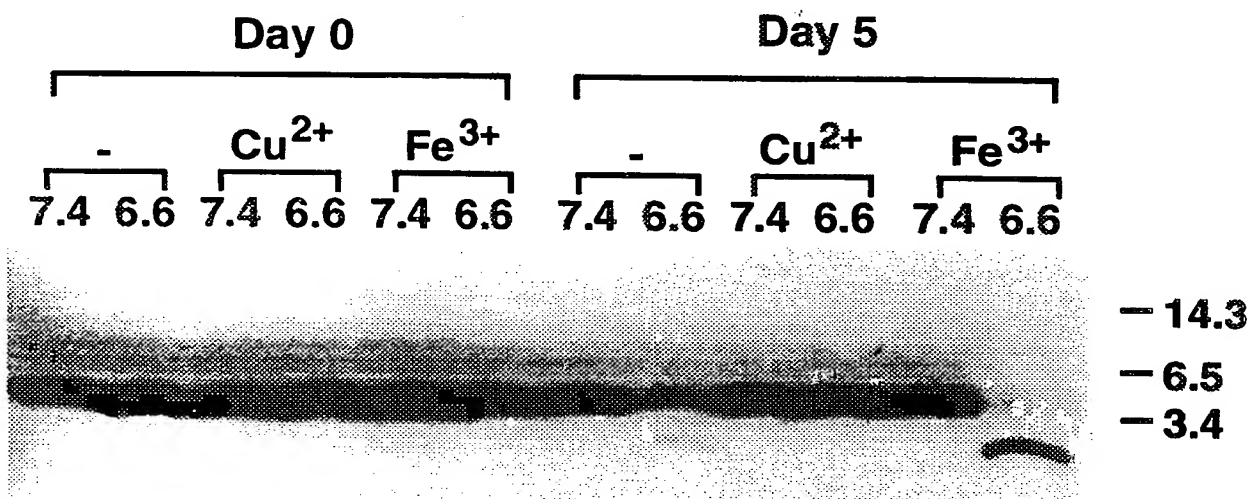


FIG.27B

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O.G. FIG.	
CLASS	SUBCLASS
APPROVED BY DRAFTSMAN	

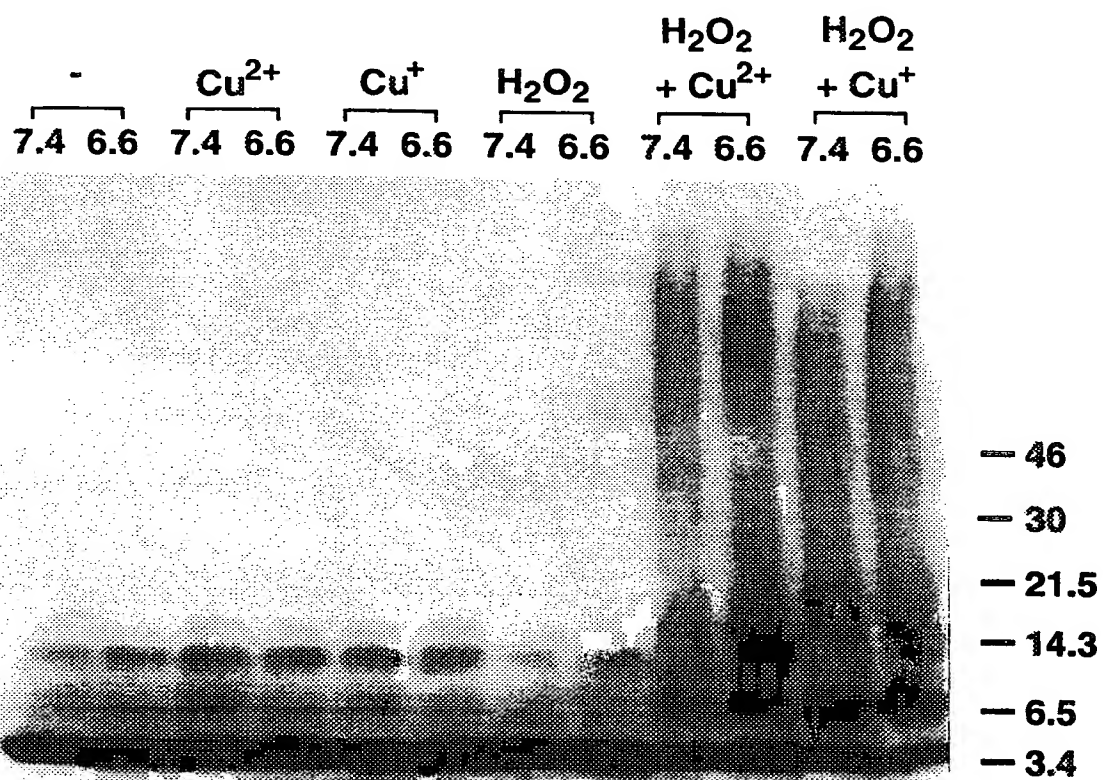


FIG.28A

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O.G. FIG.	
APPROVED	CLASS
BY	SUBCLASS
DRAFTSMAN	

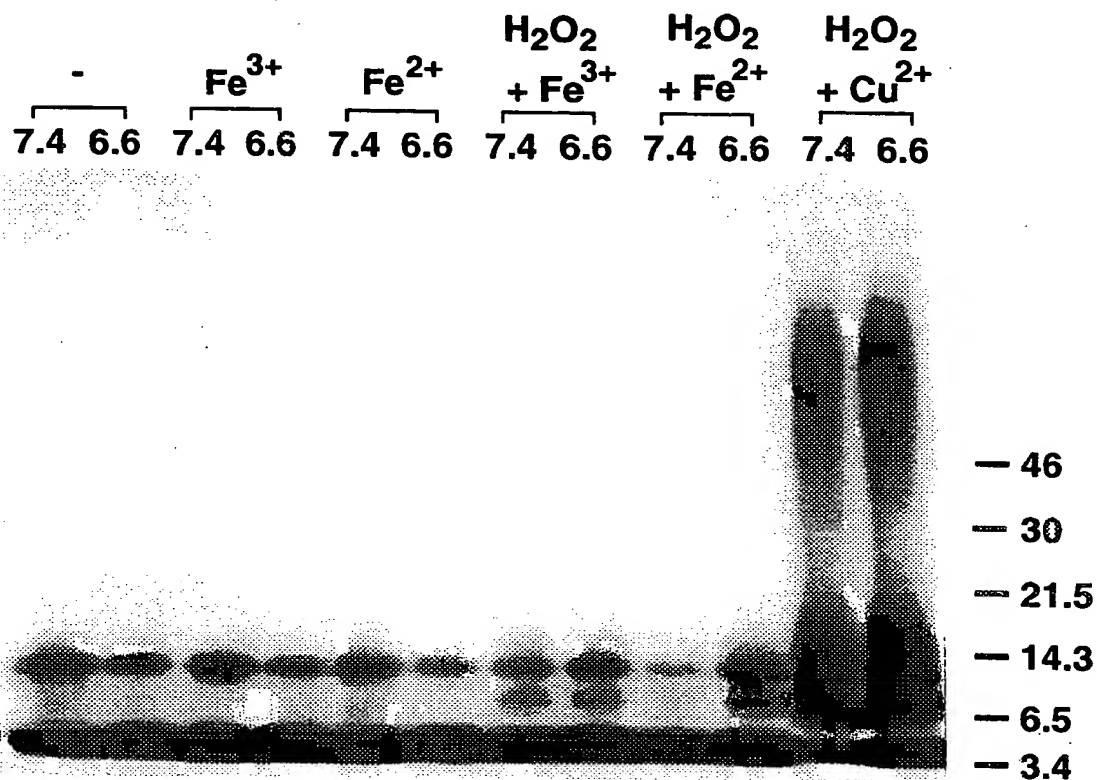


FIG.28B

APPROVED
BY
DRAFTSMAN

O.G. FIG.
CLASS
SUBCLASS

009090" 40208E60

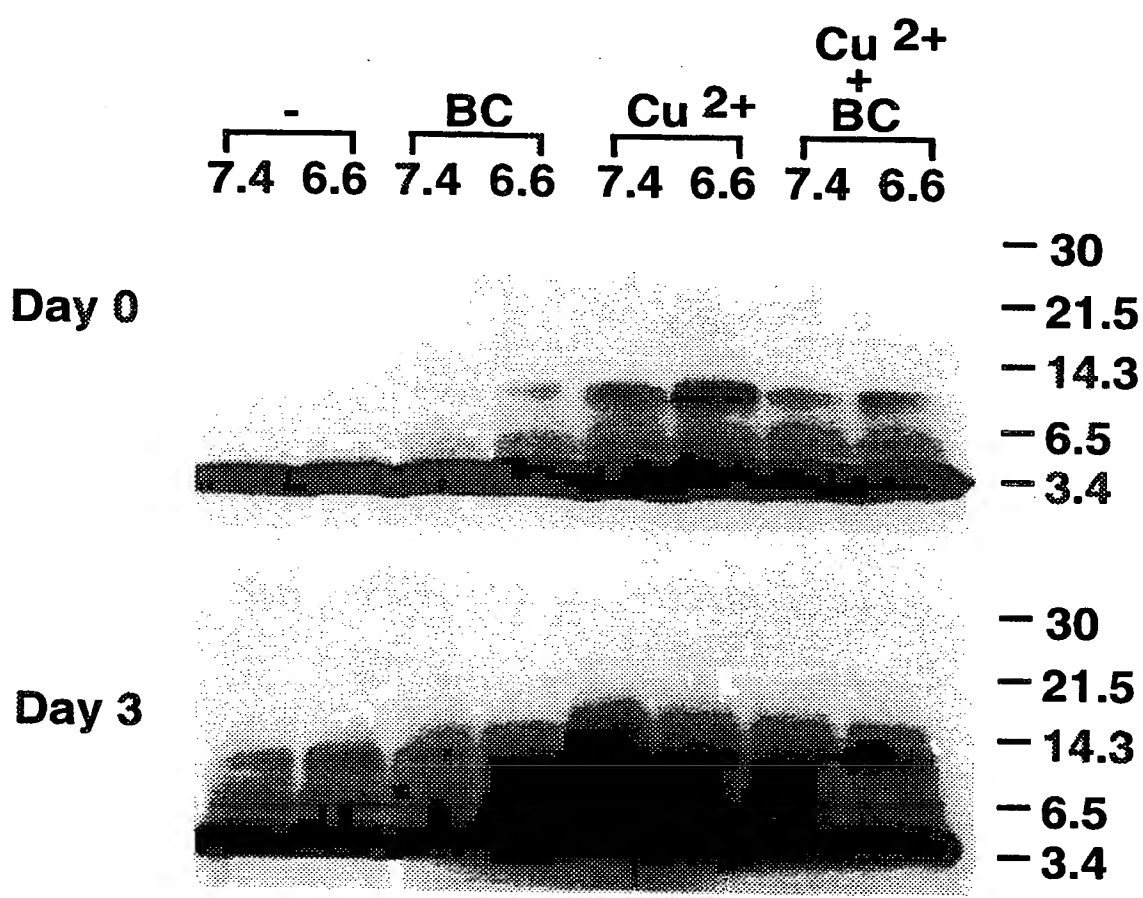


FIG.28C

APPROVED BY	O.G. FIG.	
	CLASS	SUBCLASS
DRAFTSMAN		

- Cu^{2+} Fe^{3+} $\text{H}_2\text{O}_2 + \text{Cu}^{2+}$ $\text{Fe}^{2+} + \text{H}_2\text{O}_2 + \text{Asc. acid}$ TCEP Cu^{2+} TCEP

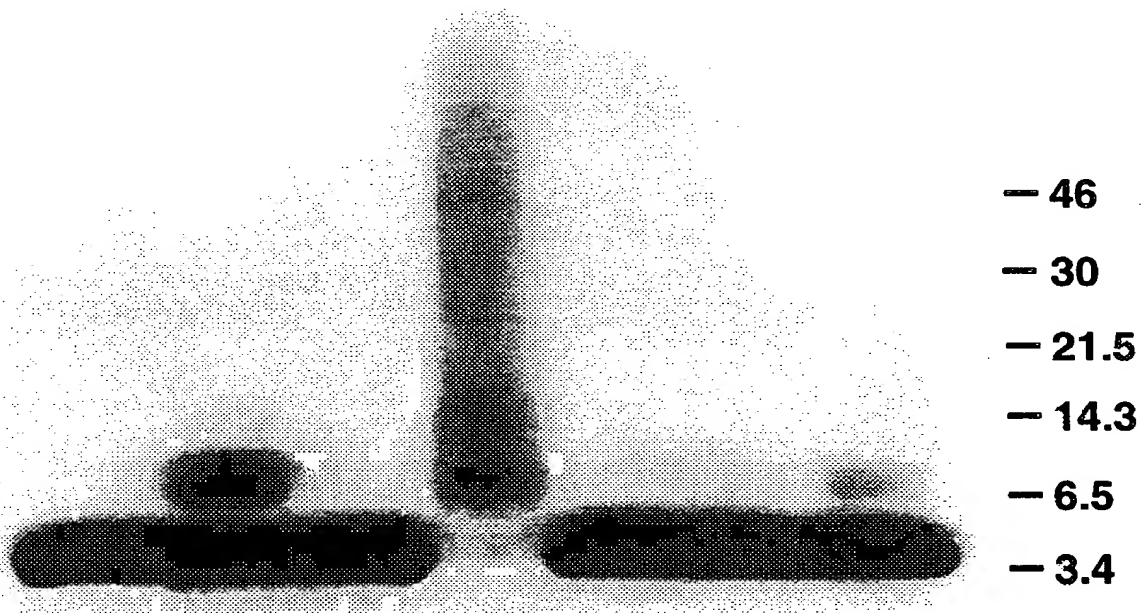


FIG.29A

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSHAH		

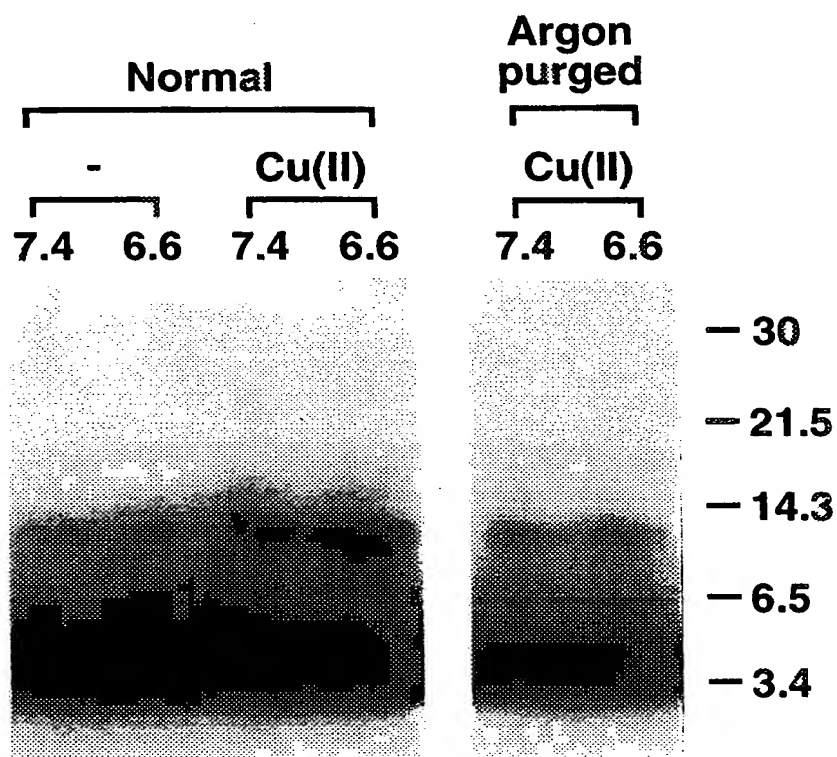


FIG.29B

Polymerization

Urea

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$$A\beta_{1-42} + Cu^{2+}$$

—

9 M

7.4

6.6

7.4

6.6

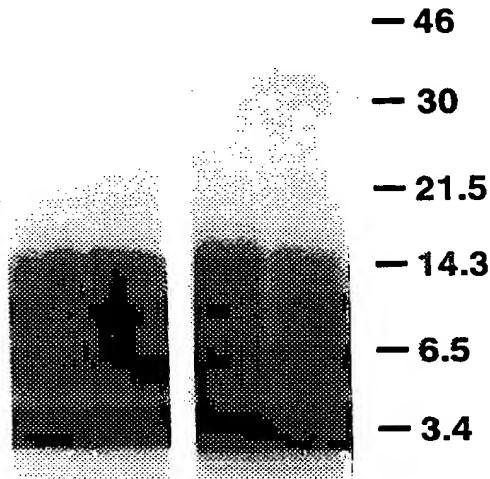


FIG.30A-1

Polymerization reaction

Urea

$$AB_{1-42} + Cu^{2+} + H_2O_2$$

1

4.5 M

9 M

7.4

6.6

7.4

6.6

7.4

6.6

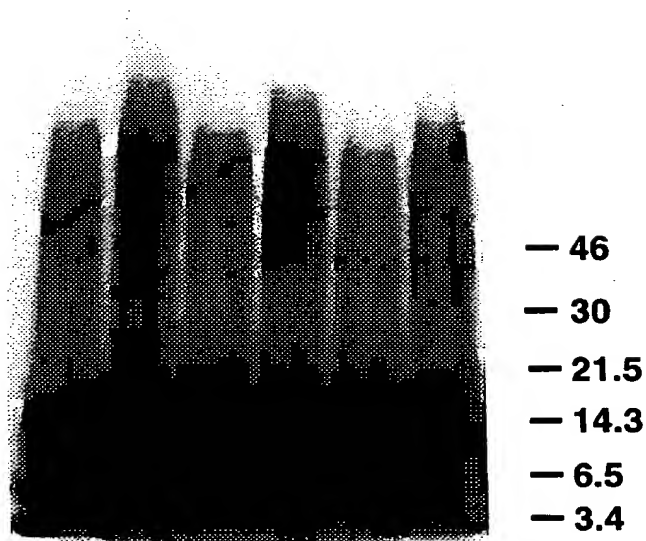


FIG.30A-2

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

000000-000000

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

009090"40208E60

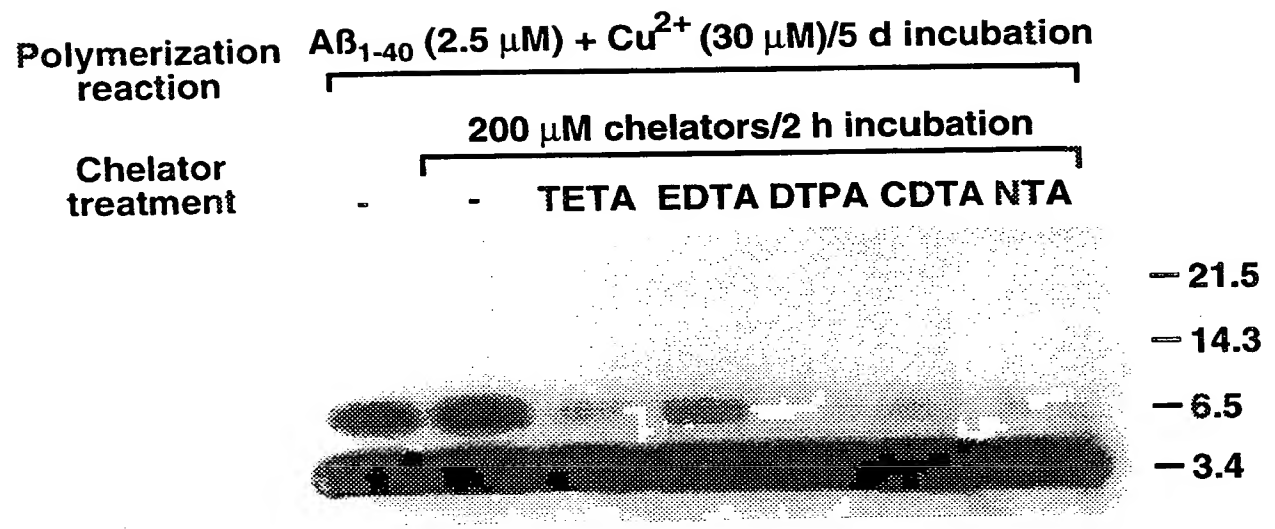


FIG.30B

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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

Polymerization reaction $A\beta_{1-42}$ (2.5 μ M) + Cu^{2+} (30 μ M)/5 d incubation
Chelator treatment 200 μ M chelators/2 h incubation
- - TETA EDTA DTPA CDTA NTA

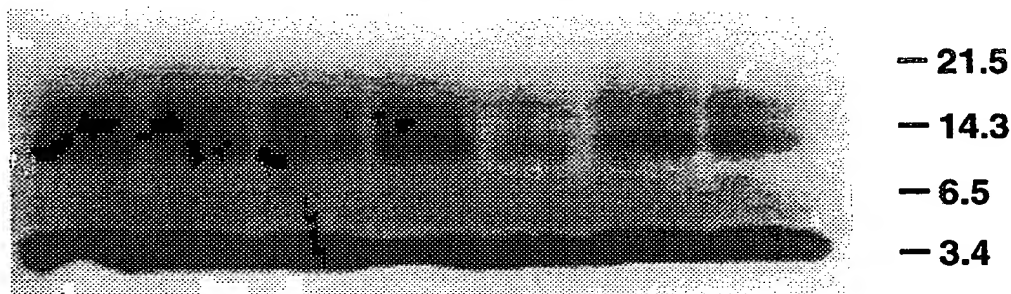


FIG.30C

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APPROVED BY	O.G. FIG.	
	CLASS	SUBCLASS
DRAFTSMAN		

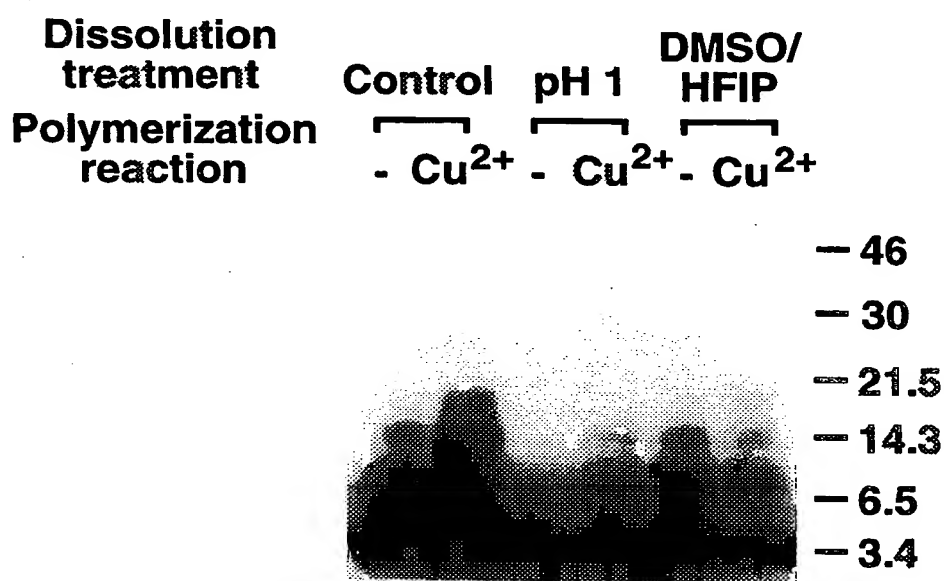


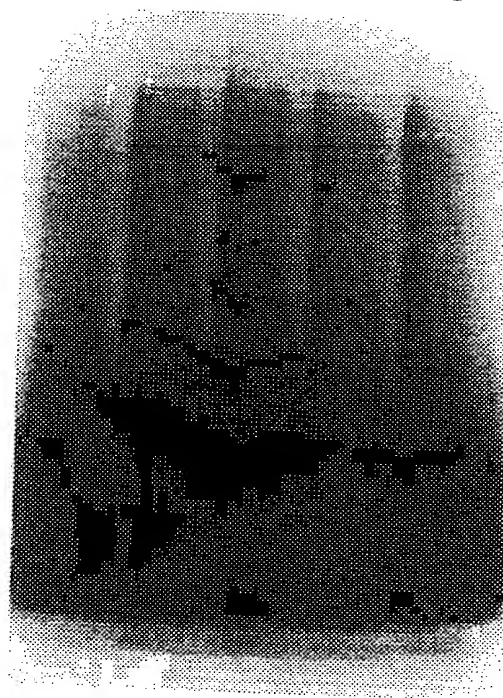
FIG.30D

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

Chelator treatment
Concentration (mM)

2 h incubation

TETA	TETA	BC	BC
-	1	5	1
			5



— 46.0
— 30.0
— 21.5
— 14.3
— 6.5
— 3.4

FIG.30E